

5A1C

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE R (CPAF)	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 0015	3. EFFECTIVE DATE 11/28/00	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable) N/A		
6. ISSUED BY U.S. Department of Commerce National Data Buoy Center Stennis Space Center, MS 39529-6000		7. ADMINISTERED BY (If other than Item 6) CODE			

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Attn: Penny S. Parker (228) 688-1705 Science Applications International Corp. Attn: Ms. Parri Engelsen One Hampton Parkway, Suite 300 Hampton, VA 23666 (757) 827-4842	(V)	9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. X 50-QANW-0-00402 10B. DATED (SEE ITEM 13) May 18, 2000
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CODE	FACILITY CODE	11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
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☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment. (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Accounting/Appropriations Schedule: Page 2C NO INCREASE IN FUNDS

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.


(V)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)
X	Section B.2 - Award Fee.

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
1. ACCOUNTING AND APPROPRIATIONS SCHEDULE of the subject contract is hereby revised by addition to page 2C, attached:

	Contract Value	Total Sum Allotted
Previous Value	\$6,792,920	\$3,772,194.20
This Action	68,000	- 0 -
Current Value	\$6,860,920	\$3,772,194.20

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) 15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Penny S. Parker, Contracting Officer 16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer) 16C. DATE SIGNED 11/28/00
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Accounting and Appropriation Schedule
Incrementally Funded - Cost-Plus-Award-Fee

0011	S-13	8M1J30A9 8M1J30A2 8M1J35UB BM1JBPR3 OWM0000 2513	\$180,950.79 122,500.00 35,579.87 <u>364.80</u> \$339,395.46	\$3,642,194.20	09/28/00
0012	- -	N/A	N/A	\$3,642,194.20	10/01/00
0013	S-14	RM1J47RB BM1J60RG RM1J1NRS 1WG9500 2513	\$7,000.00 15,000.00 <u>8,000.00</u> \$30,000.00	\$3,672,194.20	11/01/00
0014	S-15	BM1JBPR3 1WG9500 2513	<u>\$100,000.00</u> \$100,000.00	\$3,772,194.20	11/16/00
0015	- -	N/A	- 0 -	\$3,772,194.20	11/28/00

2. This modification provides for incorporation of the 1st Period Award Fee of [REDACTED]

3. SECTION B.2 AWARD FEE The amount of the award fee earned and the applicable periods are as follows:

<u>Period</u>	<u>Award Fee Period</u>	<u>Cumulative Award Fee</u>
07/01/00-09/30/00	[REDACTED]	[REDACTED]

4. SECTION B.3 ESTIMATED AND ALLOWABLE COSTS--INCREMENTALLY FUNDED CONTRACT, Paragraphs (1), (2), and (3) are hereby revised as follows:

(a) Estimated Costs, Fee, and Sum Allotted

(1) Estimated cost, base fee, and potential award fee by contract period.

<u>Period</u>	<u>Estimated Cost</u>	<u>Potential Award Fee</u>
07/01/00-06/30/01	\$6,860,920	\$308,250
07/01/01-06/30/02	\$6,580,339	\$297,559
07/01/02-06/30/03	\$6,691,560	\$302,302
07/01/03-06/30/04	\$6,810,387	\$307,391
07/01/04-06/30/05	\$6,930,906	\$312,539

(2) Total contract value is computed as follows:

[REDACTED]
Total Contract Value \$6,860,920

(3) Total funds currently available for payment and allotted to this contract, in accordance with FAR clause 52.232-22, "Limitation of Funds," plus the estimated contract period covered by this amount:

Total Sum Allotted	\$3,772,194.20
Potential Award Fee	\$ 308,250.00
Estimated Period of Performance	07/01/2000 - 01/19/2001

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE R (CPAF)	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 0016	3. EFFECTIVE DATE 12/04/00	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable) N/A
6. ISSUED BY U.S. Department of Commerce National Data Buoy Center Stennis Space Center, MS 39529-6000		7. ADMINISTERED BY (If other than Item 6) CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Attn: Penny S. Parker (228) 688-1705 Science Applications International Corp. Attn: Ms. Parri Engelsen One Hampton Parkway, Suite 300 Hampton, VA 23666 (757) 827-4842		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. X 50-QANW-0-00402 10B. DATED (SEE ITEM 13) May 18, 2000	
CODE	FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Accounting/Appropriations Schedule: Page 2C NO INCREASE IN FUNDS

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

W)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	Under scope, within terms and conditions of contract; by mutual agreement.
	D. OTHER (Specify type of modification and authority)


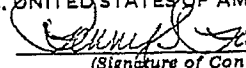
E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCP section headings, including solicitation/contract subject matter where feasible.)

1. ACCOUNTING AND APPROPRIATIONS SCHEDULE of the subject contract is hereby revised by addition to page 2C, attached:

	Contract Value	Total Sum Allotted
Previous Value	\$6,860,920	\$3,772,194.20
This Action	- 0 -	- 0 -
Current Value	\$6,860,920	\$3,772,194.20

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Parri Engelsen, Contracts Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) PENNY S. PARKER Contracting Officer	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 12/13/00	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 12/26/00

Accounting and Appropriation Schedule
Incrementally Funded - Cost-Plus-Award-Fee

0011	S-13	8M1J30A9 8M1J30A2 8M1J35UB BM1JBPR3 OWM0000 2513	\$180,950.79 122,500.00 35,579.87 <u>364.80</u> \$339,395.46	\$3,642,194.20	09/28/00
0012	- -	N/A	N/A	\$3,642,194.20	10/01/00
0013	S-14	RM1J47RB BM1J60RG RM1J1NRS 1WG9500 2513	\$7,000.00 15,000.00 <u>8,000.00</u> \$30,000.00	\$3,672,194.20	11/01/00
0014	S-15	BM1JBPR3 1WG9500 2513	<u>\$100,000.00</u> \$100,000.00	\$3,772,194.20	11/16/00
0015	- -	N/A	- 0 -	\$3,772,194.20	11/28/00
0016	- -	N/A	- 0 -	\$3,772,194.20	12/04/00

2. This modification provides for incorporation of: [REDACTED]

[REDACTED]

modification neither increased nor decreased the contract value.

3. SECTION B.1 SCOPE OF WORK, Paragraph (a), is hereby revised as follows:

<u>Period</u>	<u>ST Hours</u>	<u>O/T Hours</u>	<u>Total Hours</u>
07/01/00-06/30/01	[REDACTED]	[REDACTED]	[REDACTED]
07/01/01-06/30/02	[REDACTED]	[REDACTED]	[REDACTED]
07/01/02-06/30/03	[REDACTED]	[REDACTED]	[REDACTED]
07/01/03-06/30/04	[REDACTED]	[REDACTED]	[REDACTED]
07/01/04-06/30/05	[REDACTED]	[REDACTED]	[REDACTED]

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE R (CPAF)		PAGE OF PAGES 1 3	
2. AMENDMENT/MODIFICATION NO. 0017	3. EFFECTIVE DATE 12/06/00	4. REQUISITION/PURCHASE REQ. NO. NWWG950010233; S-16	5. PROJECT NO. (If applicable) N/A
6. ISSUED BY U.S. Department of Commerce National Data Buoy Center Stennis Space Center, MS 39529-6000		7. ADMINISTERED BY (If other than Item 6) CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Attn: Penny S. Parker (228) 688-1705 Science Applications International Corp. Attn: Ms. Parri Engelsen One Hampton Parkway, Suite 300 Hampton, VA 23666 (757) 827-4842		9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
		10A. MODIFICATION OF CONTRACT/ORDER NO. X 50-QANW-0-00402
		10B. DATED (SEE ITEM 13) May 18, 2000
CODE	FACILITY CODE	

11 THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Accounting/Appropriations Schedule: Page 2C NET INCREASE: \$506,000.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

<input checked="" type="checkbox"/> A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
D. OTHER (Specify type of modification and authority) X FAR 52.232-22 - "Limitations of Funds."

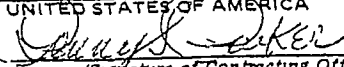
E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

1. ACCOUNTING AND APPROPRIATIONS SCHEDULE of the subject contract is hereby revised by addition to page 2C, attached:

	Contract Value	Total Sum Allotted
Previous Value	\$6,860,920	\$3,772,194.20
This Action	- 0 -	506,000.00
Current Value	\$6,860,920	\$4,278,194.20

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Penny S. Parker, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 12/06/00
(Signature of person authorized to sign)			

Accounting and Appropriation Schedule
Incrementally Funded - Cost-Plus-Award-Fee

0011	S-13	8M1J30A9 8M1J30A2 8M1J35UB BM1JBPR3 OWM0000 2513	\$180,950.79 122,500.00 35,579.87 <u>364.80</u> \$339,395.46	\$3,642,194.20	09/28/00
0012	- -	N/A	N/A	\$3,642,194.20	10/01/00
0013	S-14	RM1J47RB BM1J60RG RM1J1NRS 1WG9500 2513	\$7,000.00 15,000.00 <u>8,000.00</u> \$30,000.00	\$3,672,194.20	11/01/00
0014	S-15	BM1JBPR3 1WG9500 2513	<u>\$100,000.00</u> \$100,000.00	\$3,772,194.20	11/16/00
0015	- -	N/A	- 0 -	\$3,772,194.20	11/28/00
0016	- -	N/A	- 0 -	\$3,772,194.20	12/04/00
0017	S-16	8M1J30A2 FY01 BM1JBPR3 FY01 RM1JRN RV FY01 AM1J02RC FY00 RMAJ34RM FY00 1WG9500 2513	\$500,000.00 32,000.00 2,000.00 (7,000.00) <u>(21,000.00)</u> \$506,000.00	\$4,278,194.20	12/06/00

2. This modification provides for incorporation of incremental contract funding of \$506,000.00.

3. SECTION B.3 ESTIMATED AND ALLOWABLE COSTS--INCREMENTALLY FUNDED CONTRACT, Paragraph (3) is hereby revised as follows:

(a) Estimated Costs, Fee, and Sum Allotted

(1) Estimated cost, base fee, and potential award fee by contract period.

<u>Period</u>	<u>Estimated Cost</u>	<u>Potential Award Fee</u>
07/01/00-06/30/01	\$6,860,920	\$308,250
07/01/01-06/30/02	\$6,580,339	\$297,559
07/01/02-06/30/03	\$6,691,560	\$302,302
07/01/03-06/30/04	\$6,810,387	\$307,391
07/01/04-06/30/05	\$6,930,906	\$312,539

(2) Total contract value is computed as follows:

[REDACTED]

Total Contract Value \$6,860,920

(3) Total funds currently available for payment and allotted to this contract, in accordance with FAR clause 52.232-22, "Limitation of Funds," plus the estimated contract period covered by this amount:

Total Sum Allotted \$4,278,194.20

[REDACTED]

Potential Award Fee \$ 308,250.00

Estimated Period of Performance 07/01/2000 - 02/16/2001

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 0018		3. EFFECTIVE DATE 12/08/00	4. REQUISITION/PURCHASE REQ. NO. NWWG950010260 S-17	5. PROJECT NO. (If applicable) N/A
6. ISSUED BY U.S. Department of Commerce National Data Buoy Center Stennis Space Center, MS 39529-6000 Attn: Penny S. Parker (228) 688-1705		7. ADMINISTERED BY (If other than Item 8) CODE	9A. AMENDMENT OF SOLICITATION NO.	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Science Applications International Corp. Attn: Ms. Parri Engelsen One Hampton Parkway, Suite 300 Hampton, VA 23666 (757) 827-4842		9B. DATED (SEE ITEM 11)		
		10A. MODIFICATION OF CONTRACT/ORDER NO. X 50-QANW-0-00402		
		10B. DATED (SEE ITEM 13) May 18, 2000		
CODE		FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Accounting/Appropriations Schedule: Page 2C NET INCREASE: \$94,000.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(W)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	Under scope, within terms and conditions of contract; by mutual agreement.
	D. OTHER (Specify type of modification and authority)

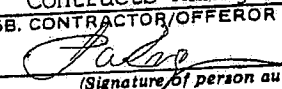
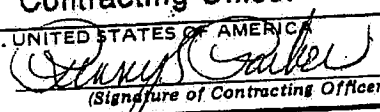
E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
1. ACCOUNTING AND APPROPRIATIONS SCHEDULE of the subject contract is hereby revised by addition to page 2C, attached:

	Contract Value	Total Sum Allotted
Previous Value	\$6,860,920	\$4,278,194.20
This Action	523,198	94,000.00
Current Value	\$7,384,118	\$4,372,194.20

(Continued)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Parri Engelsen Contracts Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) PENNY S. PARKER Contracting Officer	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 12/27/00	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 12/28/00

Accounting and Appropriation Schedule
Incrementally Funded - Cost-Plus-Award-Fee

0011	S-13	8M1J30A9 8M1J30A2 8M1J35UB BM1JBPR3 OWM0000 2513	\$180,950.79 122,500.00 35,579.87 <u>364.80</u> \$339,395.46	\$3,642,194.20	09/28/00
0012	- -	N/A	N/A	\$3,642,194.20	10/01/00
0013	S-14	RM1J47RB BM1J60RG RM1J1NRS 1WG9500 2513	\$7,000.00 15,000.00 <u>8,000.00</u> \$30,000.00	\$3,672,194.20	11/01/00
0014	S-15	BM1JBPR3 1WG9500 2513	<u>\$100,000.00</u> \$100,000.00	\$3,772,194.20	11/16/00
0015	- -	N/A	- 0 -	\$3,772,194.20	11/28/00
0016	- -	N/A	- 0 -	\$3,772,194.20	12/04/00
0017	S-16	8M1J30A2 FY01 BM1JBPR3 FY01 RM1JRN RV FY01 AM1J02RC FY00 RMAJ34RM FY00 1WG9500 2513	\$500,000.00 32,000.00 2,000.00 (7,000.00) <u>(21,000.00)</u> \$506,000.00	\$4,278,194.20	12/06/00
0018	S-17	BM1J89RA 1WG9500 2513	<u>\$94,000.00</u> \$94,000.00	\$4,372,194.20	12/08/00

2. This modification provides for incorporation of: [REDACTED] for extension of the FAA project from 11/01/00 through 8/30/01, [REDACTED] in travel for FAA project; (4) the attached FAA schedule, Gulf of Mexico Buoy Communication System SOW, Contract Data Requirements list, Functional Specification FAA-E-2899, and Data Item Description; and (4) incremental contract funding of \$94,000.00.

3. SECTION B.1 SCOPE OF WORK, Paragraph (a), is hereby revised as follows:

<u>Period</u>	<u>O/T Hours</u>	<u>Total Hours</u>
07/01/00-06/30/01	[REDACTED]	
07/01/01-06/30/02		
07/01/02-06/30/03		
07/01/03-06/30/04		
07/01/04-06/30/05		

4. SECTION B.3 ESTIMATED AND ALLOWABLE COSTS--INCREMENTALLY FUNDED CONTRACT, Paragraphs (1), (2), and (3) are hereby revised as follows:

(a) Estimated Costs, Fee, and Sum Allotted

- (1) Estimated cost, base fee, and potential award fee by contract period.

<u>Period</u>	<u>Estimated Cost</u>	<u>Potential Award Fee</u>
07/01/00-06/30/01	\$7,384,118	\$332,146
07/01/01-06/30/02	\$6,793,307	\$307,185
07/01/02-06/30/03	\$6,691,560	\$302,302
07/01/03-06/30/04	\$6,810,387	\$307,391
07/01/04-06/30/05	\$6,930,906	\$312,539

- (2) Total contract value is computed as follows:

[REDACTED]
Total Contract Value

[REDACTED]
\$7,384,118

- (3) Total funds currently available for payment and allotted to this contract, in accordance with FAR clause 52.232-22, "Limitation of Funds," plus the estimated contract period covered by this amount:

4. (Continued)

Total Sum Allotted

\$4,372,194.20

Potential Award Fee


\$ 332,146.00

Estimated Period of Performance

07/01/2000 - 02/02/2001

5. SECTION B.4 PAYMENT FOR OVERTIME PREMIUMS

As provided in the clause of this contract entitled "Payment for Overtime Premiums" (FAR 52.222-2), the dollar amount of overtime authorized pursuant to said clause shall not exceed the amount specified below for the indicated period, provided also that such authorization shall have been given through the issuance of Technical Directives.

<u>Performance Period</u>	<u>OT Base Authorized</u>	<u>OT Premium Authorized</u>
07/01/00-06/30/01		
07/01/01-06/30/02		
07/01/02-06/30/03		
07/01/03-06/30/04		
07/01/04-06/30/05		

Attachment A: Schedule

ITEM	SUPPLIES & SERVICES	QTY	SCHEDULE
0001	Buoy component, BCS, with remote buoy communications system (RBCS) IAW the SOW and FAA-E-2899	1	Sep-01
0001a	Buoy 3 (LNBxx)	1	Jun-02
0001b	Buoy 4 (LNBxx)		
0002	Refurbished buoy component, BCS, with remote buoy communications system (RBCS) IAW the SOW and FAA-E-2899	1	Apr-01
0002a	Buoy 1 (LNB11)	1	Feb-02
0002b	Buoy 2 (LNB06)	Lot	as ordered
0003	Satellite communications services IAW the SOW and FAA-E-2899	1	Apr-01
0004	Upgraded Control Facility, ARTCC Houston IAW the SOW and FAA-E-2899	1	Apr-01
0005	Upgraded NDBC Support Facility IAW the SOW and FAA-E-2899	Lot	as req
0006	Technical Support Services	Lot	mthly
A001	Monthly Project Mgmt Status Report (SOW 3.2.1)	Lot	as req
A002	Agenda (SOW 3.2.2)	Lot	as req
A003	Minutes (SOW 3.2.2)	Lot	qtrly
A005	Configuration Status Accounting Rpt (SOW 3.4)	6	Nov-00
A006	Program Management Plan (SOW 3.1)	Lot	as req
A008	System Problem Report (SOW 3.4.2)	6	Nov-00
A010	System Safety Plan (SOW 3.8)	6	Nov-00
A013	Human Factors Plan (SOW 3.9)		
A014	Technical Design Review Data Package (SOW 3.2.2)	6	Oct-00
A014a	Post Contract Award Review (SOW 3.2.2.1)	6	Oct-00
A014b	Preliminary Design Review (SOW 3.2.2.2)	6	Feb-01
A014c	Critical Design Review (SOW 3.2.2.3)	Lot	as req
B001	Request for Deviation/Waiver (SOW 3.4.3)	Lot	May-01
B002	System/Subsystem Description (SOW 4.3.1)	7	Apr-01
C001	COTS Software Documentation Package (SOW 5.1.1)	7	Apr-01
C002	Custom Program Source Code (SOW 5.2)	7	Apr-01
C003	Commented Program Listing (SOW 5.2)	10	Dec-00
D001	Site Installation Plan (SOW 8.1)	7	60 DATC
D002	As Built Site Installation Drawings (SOW 8.1)	6	Jan-01
E001	Contractor Master Test Plan (SOW 7.1)	6	Jan-01
E002	Test Procedure (SOW 7.1)	6	30 DATC
E003	Test Report (SOW 7.2.2)	6	Dec-00
H001	Integrated Support Plan (SOW 6)		

ITEM	SUPPLIES & SERVICES	QTY	SCHEDULE
		6	Apr-01
L001	Engineering Data Package (SOW 3.4.1)	3	Mar-01
L003	Provisioning Data (SOW 9.2)	8	Mar-01
L004	Support and Test Equipment List (SOW 9.2.2)	4	Mar-01
L005	Provisioning Technical Documentation (SOW 9.3.1)	Lot	as req
L006	Engineering Change Orders (SOW 9.3.1)	4	Nov-00
L010	Maintainability Plan (SOW 9.4.1.1)	3	Apr-01
L011	Depot Repair Procedures (SOW 9.4.2)	Lot	qtrly
L012	Maintenance and Repair Report (qtrly) (SOW 9.4.2.2)	3	Apr-01
L013	Refurbishment Planning Document (SOW 9.4.2.3)	9	May-01
L014	Equipment Technical Instruction Book (SOW 9.5)	9	May-01
L015	Buoy Equipment Technical Instruction Book (SOW 9.5)	4	Oct-00
T001	Task and Skills Analysis Report (SOW 9.6.3)	3	Dec-00
T002	Course Design Guide (SOW 9.6.3)	3	Dec-00
T003	Course Schedule (SOW 9.6.3)+B34	3	Apr-01
T004	Student Achievement Test (SOW 9.6.3)	3	Apr-01
T005	Lesson Plan (SOW 9.6.3)	3	May-01
T006	Student Materials (SOW 9.6.3)	4	May-01
T009	Course Walk-Through (SOW 9.6.3)	4	Jun-01
T010	First Course Conduct and Course Report (SOW 9.6.3)	3	Apr-01
T011	Theory of Operations Examination (SOW 9.6.3)	3	Apr-01
T012	Performance Evaluation (SOW 9.6.3)		

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1 CONTRACT ID CODE R (CPAF)	PAGE OF PAGES 1 3
2 AMENDMENT/MODIFICATION NO. 0019	3 EFFECTIVE DATE 12/08/00	4. REQUISITION/PURCHASE REQ. NO. N/A	5 PROJECT NO. (If applicable) N/A
6 ISSUED BY U.S. Department of Commerce National Data Buoy Center Stennis Space Center, MS 39529-6000		7 ADMINISTERED BY (If other than Item 6) CODE	
8 NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code) Attn: Penny S. Parker (228) 688-1705 Science Applications International Corp. Attn: Ms. Parri Engelsen One Hampton Parkway, Suite 300 Hampton, VA 23666 (757) 827-4842		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. X 50-QANW-0-00402 10B. DATED (SEE ITEM 13) May 18, 2000	
CODE	FACILITY CODE		

11 THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods.

(a) By completing Items 8 and 15, and returning _____ copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Accounting/Appropriations Schedule: Page 2C NO INCREASE IN FUNDS

13 THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO AS DESCRIBED IN ITEM 14

<input checked="" type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO IN ITEM 10A
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF.
<input checked="" type="checkbox"/>	D. OTHER (Specify type of modification and authority) Under scope, within terms and conditions of contract; by mutual agreement.

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

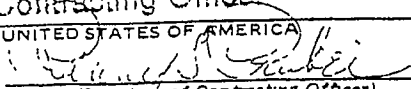
14 DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

- ACCOUNTING AND APPROPRIATIONS SCHEDULE of the subject contract is hereby revised by addition to page 2C, attached:

	Contract Value	Total Sum Allotted
Previous Value	\$7,384,188	\$4,372,194.20
This Action	54,169	- 0 -
Current Value	\$7,438,287	\$4,372,194.20

(Continued)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A NAME AND TITLE OF SIGNER (Type or print) Parri Engelsen Contracts Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) PENNY S. PARKER Contracting Officer	
15B CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C DATE SIGNED 12/28/00	16B UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C DATE SIGNED 1/8/01

Accounting and Appropriation Schedule
Incrementally Funded - Cost-Plus-Award-Fee

0011	S-13	8M1J30A9 8M1J30A2 8M1J35UB BM1JBPR3 OWM0000 2513	\$180,950.79 122,500.00 35,579.87 <u>364.80</u> \$339,395.46	\$3,642,194.20	09/28/00
0012	- -	N/A	N/A	\$3,642,194.20	10/01/00
0013	S-14	RM1J47RB BM1J60RG RM1J1NRS 1WG9500 2513	\$7,000.00 15,000.00 <u>8,000.00</u> \$30,000.00	\$3,672,194.20	11/01/00
0014	S-15	BM1JBPR3 1WG9500 2513	<u>\$100,000.00</u> \$100,000.00	\$3,772,194.20	11/16/00
0015	- -	N/A	- 0 -	\$3,772,194.20	11/28/00
0016	- -	N/A	- 0 -	\$3,772,194.20	12/04/00
0017	S-16	8M1J30A2 FY01 BM1JBPR3 FY01 RM1JRN RV FY01 AM1J02RC FY00 RMAJ34RM FY00 1WG9500 2513	\$500,000.00 32,000.00 2,000.00 (7,000.00) <u>(21,000.00)</u> \$506,000.00	\$4,278,194.20	12/06/00
0018	S-17	BM1J89RA 1WG9500 2513	<u>\$94,000.00</u> \$94,000.00	\$4,372,194.20	12/11/00
0019	- -	N/A	- 0 -	\$4,372,194.20	12/08/00

2. This modification provides for incorporation of: (1) [REDACTED] for training as detailed in Revision 2; items lined through being deleted from the training plan and the associated cost removed; and (2) [REDACTED] for conferences as detailed in Revision 1. (Note: The travel costs for training and conferences is to come from the current travel budget.) Modified plans are attached.

3. SECTION B.3 ESTIMATED AND ALLOWABLE COSTS--INCREMENTALLY FUNDED CONTRACT, Paragraphs (1), (2), and (3) are hereby revised as follows:

(a) Estimated Costs, Fee, and Sum Allotted

- (1) Estimated cost, base fee, and potential award fee by contract period.

<u>Period</u>	<u>Estimated Cost</u>	<u>Potential Award Fee</u>
07/01/00-06/30/01	\$7,438,287	\$334,762
07/01/01-06/30/02	\$6,793,307	\$307,185
07/01/02-06/30/03	\$6,691,560	\$302,302
07/01/03-06/30/04	\$6,810,387	\$307,391
07/01/04-06/30/05	\$6,930,906	\$312,539

- (2) Total contract value is computed as follows:

[REDACTED]

Total Contract Value	\$7,438,287
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- (3) Total funds currently available for payment and allotted to this contract, in accordance with FAR clause 52.232-22, "Limitation of Funds," plus the estimated contract period covered by this amount:

Total Sum Allotted	\$4,372,194.20
[REDACTED]	
Potential Award Fee	\$ 334,762.00
Estimated Period of Performance	07/01/2000 - 02/02/2001

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE R (CPAF)	PAGE OF PAGES 1 4
2. AMENDMENT/MODIFICATION NO. 0020	3. EFFECTIVE DATE 01/11/01	4. REQUISITION/PURCHASE REQ. NO. NWWG9500110349; S-18 NWWG9500110362; S-19		5. PROJECT NO (If applicable) N/A
6. ISSUED BY U.S. Department of Commerce National Data Buoy Center Stennis Space Center, MS 39529-6000 Attn: Penny S. Parker (228) 688-1705		7. ADMINISTERED BY (If different than Item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Science Applications International Corp. Attn: Ms. Parri Engelsen One Hampton Parkway, Suite 300 Hampton, VA 23666 (757) 827-4842		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. X 50-QANW-0-00402 10B. DATED (SEE ITEM 13) May 18, 2000		
CODE	FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Accounting/Appropriations Schedule: Page 2C NET INCREASE: \$532,000.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

<input checked="" type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	Under scope, within terms and conditions of contract; by mutual agreement.
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)
X	FAR 52.232-22 - "Limitation of Funds."

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

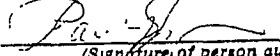
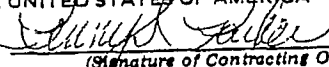
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

1. ACCOUNTING AND APPROPRIATIONS SCHEDULE of the subject contract is hereby revised by addition to page 2C, attached:

	Contract Value	Total Sum Allotted
Previous Value	\$7,438,287	\$4,372,194.20
This Action	- 0 -	532,000.00
Current Value	\$7,438,287	\$4,904,194.20

(Continued)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Parri Y. Engelsen Contracts Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Penny S. Parker Contracting Officer	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 1/22/01	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 1/23/01

Accounting and Appropriation Schedule
Incrementally Funded - Cost-Plus-Award-Fee

0011	S-13	8M1J30A9 8M1J30A2 8M1J35UB BM1JBPR3 OWM0000 2513	\$180,950.79 122,500.00 35,579.87 <u>364.80</u> \$339,395.46	\$3,642,194.20	09/28/00
0012	- -	N/A	N/A	\$3,642,194.20	10/01/00
0013	S-14	RM1J47RB BM1J60RG RM1J1NRS 1WG9500 2513	\$7,000.00 15,000.00 <u>8,000.00</u> \$30,000.00	\$3,672,194.20	11/01/00
0014	S-15	BM1JBPR3 1WG9500 2513	<u>\$100,000.00</u> \$100,000.00	\$3,772,194.20	11/16/00
0015	- -	N/A	- 0 -	\$3,772,194.20	11/28/00
0016	- -	N/A	- 0 -	\$3,772,194.20	12/04/00
0017	S-16	8M1J30A2 FY01 BM1JBPR3 FY01 RM1JRN RV FY01 AM1J02RC FY00 RM1J34RM FY00 1WG9500 2513	\$500,000.00 32,000.00 2,000.00 (7,000.00) <u>(21,000.00)</u> \$506,000.00	\$4,278,194.20	12/06/00
0018	S-17	BM1J89RA 1WG9500 2513	<u>\$94,000.00</u> \$94,000.00	\$4,372,194.20	12/11/00
0019	- -	N/A	- 0 -	\$4,372,194.20	12/08/00
0020	S-18 S-19	RM1J47RB 8M1J30A2 8M1J35UB RM1JRN RV 1WG9500 2513	\$13,000.00 434,500.00 84,000.00 <u>500.00</u> \$532,000.00	\$4,904,194.20	01/11/01

2. This modification provides for incorporation of:
- (1) SAIC's revised Subcontracting Plan (Revision 1), signed 12/15/00;
 - (2) NDBC Instruction #702-09-02C, dated 12/14/00, - Performance Evaluation Plan for Evaluating NDBC Technical Services Contractor (NTSC);
 - (3) a correction of a typographical error on Modification #18, page 3, Section B.2(a) to read as follows "Estimated Cost (total) \$7,316,118";
 - (4) a correction of a typographical error on Modification #19, page 1, Previous Value to read" \$7,384,118";
 - (5) change the following credit on Mod. #16, Page 2C from RMAJ34RM FY2000 (\$21,000.00) to RM1J34RM FY2000 (\$21,000.00); and
 - (6) incrementally fund the contract by \$532,000.00.

3. SECTION B.3 ESTIMATED AND ALLOWABLE COSTS--INCREMENTALLY FUNDED CONTRACT, Paragraph (3) is hereby revised as follows:

(a) Estimated Costs, Fee, and Sum Allotted

- (1) Estimated cost, base fee, and potential award fee by contract period.

<u>Period</u>	<u>Estimated Cost</u>	<u>Potential Award Fee</u>
07/01/00-06/30/01	\$7,438,287	\$334,762
07/01/01-06/30/02	\$6,793,307	\$307,185
07/01/02-06/30/03	\$6,691,560	\$302,302
07/01/03-06/30/04	\$6,810,387	\$307,391
07/01/04-06/30/05	\$6,930,906	\$312,539

- (2) Total contract value is computed as follows:


Total Contract Value \$7,438,287

- (3) Total funds currently available for payment and allotted to this contract, in accordance with FAR clause 52.232-22, "Limitation of Funds," plus the estimated contract period covered by this amount:

Total Sum Allotted \$4,904,194.20


Potential Award Fee \$ 334,762.00
Estimated Period of Performance 07/01/2000 - 02/23/2001

4. SECTION J.1 LIST OF ATTACHMENTS-STATEMENT OF WORK/SPECIFICATIONS
THAT ARE HEREBY MADE A PART OF THIS SOLICITATION AND
ANY RESULTANT CONTRACT

- Exhibit A - Statement of Work
 - Exhibit B - Wage Board Determination (WBD) 94-2302, Rev. 9, Dated 7/29/99
 - Exhibit C - Performance Evaluation Plan for Evaluating the National Data Buoy Center Technical Services Contractor (NTSC), dated 12/14/00
 - Exhibit D - Contractor's Small, Small Disadvantaged and Women-Owned Business Subcontracting Plan, signed 12/15/00.
-



**Science Applications
International Corporation**

An Employee-Owned Company

**Small/Small Disadvantaged/Women-Owned/HUBZone/HBCU/MI
Subcontracting Plan
(Revision 1)**

Small Business Subcontracting
Plan (Revision 1) redacted in
its entirety.

Exemption 4

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE R (CPAF)		PAGE OF PAGES 1 3	
2. AMENDMENT/MODIFICATION NO. 0021		3. EFFECTIVE DATE 01/29/01		4. REQUISITION/PURCHASE REQ. NO. NWWG9500110403; S-20		5. PROJECT NO (If applicable) N/A	
6. ISSUED BY U.S. Department of Commerce National Data Buoy Center Stennis Space Center, MS 39529-6000 Attn: Penny S. Parker (228) 688-1705		7. ADMINISTERED BY (If other than Item 6) QA		CODE			
8. NAME AND ADDRESS OF CONTRACTOR (No, street, county, State and ZIP Code) Science Applications International Corp. Attn: Ms. Parri Engelsen One Hampton Parkway, Suite 300 Hampton, VA 23666 (757) 827-4842				(V) 9A. AMENDMENT OF SOLICITATION NO.			
						9B. DATED (SEE ITEM 11)	
				X 10A. MODIFICATION OF CONTRACT/ORDER NO. 50-QANW-0-00402			
						10B. DATED (SEE ITEM 13) May 18, 2000	
CODE		FACILITY CODE		11 THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS			
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required) See Accounting/Appropriations Schedule: Page 2 C NET INCREASE: \$276,000.00							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO AS DESCRIBED IN ITEM 14.							
(V) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
X D. OTHER (Specify type of modification and authority) FAR 52.232-22 - "Limitations of Funds."							
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
1. <u>ACCOUNTING AND APPROPRIATIONS SCHEDULE</u> of the subject contract is hereby revised by addition to page 2C, attached:							
		<u>Contract Value</u>		<u>Total Sum Allotted</u>			
Previous Value		\$7,438,287		\$4,904,194.20			
This Action		- 0 -		276,000.00			
Current Value		\$7,438,287		\$5,180,194.20			
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				Penny S. Parker, Contracting Officer			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)				BY Original Signed by		01/29/01	
				(Signature of Contracting Officer)			

Accounting and Appropriation Schedule
Incrementally Funded - Cost-Plus-Award-Fee

0011	S-13	8M1J30A9 8M1J30A2 8M1J35UB BM1JBPR3 0WM0000 2513	\$180,950.79 122,500.00 35,579.87 <u>364.80</u> \$339,395.46	\$3,642,194.20	09/28/00
0012	- -	N/A	N/A	\$3,642,194.20	10/01/00
0013	S-14	RM1J47RB BM1J60RG RM1J1NRS 1WG9500 2513	\$7,000.00 15,000.00 <u>8,000.00</u> \$30,000.00	\$3,672,194.20	11/01/00
0014	S-15	BM1JBPR3 1WG9500 2513	<u>\$100,000.00</u> \$100,000.00	\$3,772,194.20	11/16/00
0015	- -	N/A	- 0 -	\$3,772,194.20	11/28/00
0016	- -	N/A	- 0 -	\$3,772,194.20	12/04/00
0017	S-16	8M1J30A2 FY01 BM1JBPR3 FY01 RM1JRNRV FY01 AM1J02RC FY00 RM1J34RM FY00 1WG9500 2513	\$500,000.00 32,000.00 2,000.00 (7,000.00) <u>(21,000.00)</u> \$506,000.00	\$4,278,194.20	12/06/00
0018	S-17	BM1J89RA 1WG9500 2513	<u>\$94,000.00</u> \$94,000.00	\$4,372,194.20	12/11/00
0019	- -	N/A	- 0 -	\$4,372,194.20	12/08/00
0020	S-18 S-19	RM1J47RB 8M1J30A2 8M1J35UB RM1JRNRV 1WG9500 2513	\$13,000.00 434,500.00 84,000.00 <u>500.00</u> \$532,000.00	\$4,904,194.20	01/11/01
0021	S-20	BM1J89RA 1WG9500 2513	<u>\$276,000.00</u> \$276,000.00	\$5,180,194.20	01/29/01

2. This modification provides for incorporation of incremental funding of the contract by \$276,000.00.

3. SECTION B.3 ESTIMATED AND ALLOWABLE COSTS--INCREMENTALLY FUNDED CONTRACT, Paragraph (3) is hereby revised as follows:

(a) Estimated Costs, Fee, and Sum Allotted

(1) Estimated cost, base fee, and potential award fee by contract period.

<u>Period</u>	<u>Estimated Cost</u>	<u>Potential Award Fee</u>
07/01/00-06/30/01	\$7,438,287	\$334,762
07/01/01-06/30/02	\$6,793,307	\$307,185
07/01/02-06/30/03	\$6,691,560	\$302,302
07/01/03-06/30/04	\$6,810,387	\$307,391
07/01/04-06/30/05	\$6,930,906	\$312,539

(2) Total contract value is computed as follows:

[REDACTED]

Total Contract Value	\$7,438,287
----------------------	-------------

(3) Total funds currently available for payment and allotted to this contract, in accordance with FAR clause 52.232-22, "Limitation of Funds," plus the estimated contract period covered by this amount:

Total Sum Allotted	\$5,180,194.20
[REDACTED]	
Potential Award Fee	\$ 334,762.00
Estimated Period of Performance	07/01/2000 - 02/23/2001

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE OF PAGES
				R (CPAF)	1 3
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
0022	02/06/01	NWWG9500110433; S-21 NWWG9500110433; S-22		N/A	
6. ISSUED BY		7. ADMINISTERED BY (If other than Item 6)		CODE	
CODE		QA			
U.S. Department of Commerce National Data Buoy Center Stennis Space Center, MS 39529-6000 Attn: Penny S. Parker (228) 688-1705					
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Science Applications International Corp. Attn: Ms. Parri Engelsen One Hampton Parkway, Suite 300 Hampton, VA 23666 (757) 827-4842				9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
				10A. MODIFICATION OF CONTRACT/ORDER NO.	
				10B. DATED (SEE ITEM 13)	
				X	50-QANW-0-00402
				May 18, 2000	
CODE		FACILITY CODE			

11 THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14 The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods.

(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Accounting/Appropriations Schedule: Page 2C NET INCREASE: \$17,157.00

**13 THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO AS DESCRIBED IN ITEM 14.**

(V)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	Section B.2 - "Award Fee."
	D. OTHER (Specify type of modification and authority)
X	FAR 52.232-22 - "Limitations of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

1. ACCOUNTING AND APPROPRIATIONS SCHEDULE of the subject contract is hereby revised by addition to page 2C, attached:

	Contract Value	Total Sum Allotted
Previous Value	\$7,438,287	\$5,180,194.20
This Action	68,000	17,157.00
Current Value	\$7,506,287	\$5,197,351.20

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Dennis E. Morris, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		Original Signed by (Signature of Contracting Officer)	02/12/01

Accounting and Appropriation Schedule
Incrementally Funded - Cost-Plus-Award-Fee

0011	S-13	8M1J30A9 8M1J30A2 8M1J35UB BM1JBPR3 OWM0000 2513	\$180,950.79 122,500.00 35,579.87 <u>364.80</u> \$339,395.46	\$3,642,194.20	09/28/00
0012	- -	N/A	N/A	\$3,642,194.20	10/01/00
0013	S-14	RM1J47RB BM1J60RG RM1J1NRS 1WG9500 2513	\$7,000.00 15,000.00 <u>8,000.00</u> \$30,000.00	\$3,672,194.20	11/01/00
0014	S-15	BM1JBPR3 1WG9500 2513	<u>\$100,000.00</u> \$100,000.00	\$3,772,194.20	11/16/00
0015	- -	N/A	- 0 -	\$3,772,194.20	11/28/00
0016	- -	N/A	- 0 -	\$3,772,194.20	12/04/00
0017	S-16	8M1J30A2 FY01 BM1JBPR3 FY01 RM1JRN RV FY01 AM1J02RC FY00 RM1J34RM FY00 1WG9500 2513	\$500,000.00 32,000.00 2,000.00 (7,000.00) <u>(21,000.00)</u> \$506,000.00	\$4,278,194.20	12/06/00
0018	S-17	BM1J89RA 1WG9500 2513	<u>\$94,000.00</u> \$94,000.00	\$4,372,194.20	12/11/00
0019	- -	N/A	- 0 -	\$4,372,194.20	12/08/00
0020	S-18 S-19	RM1J47RB 8M1J30A2 8M1J35UB RM1JRN RV 1WG9500 2513	\$13,000.00 434,500.00 84,000.00 <u>500.00</u> \$532,000.00	\$4,904,194.20	01/11/01
0021	S-20	BM1J89RA 1WG9500 2513	<u>\$276,000.00</u> \$276,000.00	\$5,180,194.20	01/29/01
0022	S-21 S-22	BM1J60RG RM1JRN RV 1WG9500 2513	\$17,000.00 <u>157.00</u> \$17,157.00	\$5,197,351.20	02/06/01

2. This modification provides for incorporation of: (1) [REDACTED]; and (2) incremental funding of the contract by \$17,157.00.

3. SECTION B.2 AWARD FEE The amount of the award fee earned and the applicable periods are as follows:

<u>Period</u>	<u>Award Fee Period</u>	<u>Cumulative Award Fee</u>
07/01/00-09/30/00	[REDACTED]	
10/01/00-12/22/00	[REDACTED]	

4. SECTION B.3 ESTIMATED AND ALLOWABLE COSTS--INCREMENTALLY FUNDED CONTRACT, Paragraphs (1), (2), and (3) are hereby revised as follows:

(a) Estimated Costs, Fee, and Sum Allotted

(1) Estimated cost, base fee, and potential award fee by contract period.

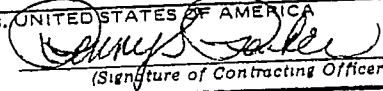
<u>Period</u>	<u>Estimated Cost</u>	<u>Potential Award Fee</u>
07/01/00-06/30/01	\$7,506,287	\$334,762
07/01/01-06/30/02	\$6,793,307	\$307,185
07/01/02-06/30/03	\$6,691,560	\$302,302
07/01/03-06/30/04	\$6,810,387	\$307,391
07/01/04-06/30/05	\$6,930,906	\$312,539

(2) Total contract value is computed as follows:

[REDACTED]
Total Contract Value \$7,506,287

(3) Total funds currently available for payment and allotted to this contract, in accordance with FAR clause 52.232-22, "Limitation of Funds," plus the estimated contract period covered by this amount:

Total Sum Allotted	\$5,197,351.20
[REDACTED]	
Potential Award Fee	\$ 334,762.00
Estimated Period of Performance	07/01/2000 - 03/09/2001

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1 CONTRACT ID CODE R (CPAF)		PAGE OF PAGES 1 / 4	
2. AMENDMENT/MODIFICATION NO 0023		3. EFFECTIVE DATE 03/02/01		4. REQUISITION/PURCHASE REQ. NO. NWWG950011592; S-23	
				5. PROJECT NO (If applicable) S-24 N/A	
6 ISSUED BY U.S. Department of Commerce National Data Buoy Center Stennis Space Center, MS 39529-6000		7 ADMINISTERED BY (If other than Item 6) QA		CODE	
8 NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Attn: Penny S. Parker (228) 688-1705 Science Applications International Corp. Attn: Ms. Parri Engelsen One Hampton Parkway, Suite 300 Hampton, VA 23666 (757) 827-4842				9A. AMENDMENT OF SOLICITATION NO 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO X 50-QANW-0-00402 10B. DATED (SEE ITEM 13) May 18, 2000	
CODE		FACILITY CODE		11 THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS	
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If required) See Accounting/Appropriations Schedule: Page 2D NET INCREASE: \$628,411.00					
13 THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO AS DESCRIBED IN ITEM 14					
<input checked="" type="checkbox"/> A THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. <input type="checkbox"/> B THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). <input type="checkbox"/> C THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: <input checked="" type="checkbox"/> D OTHER (Specify type of modification and authority) X FAR 52.232-22 - "Limitations of Funds."					
E. IMPORTANT Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)					
1. <u>ACCOUNTING AND APPROPRIATIONS SCHEDULE</u> of the subject contract is hereby revised by addition to page 2 D, attached:					
	<u>Contract Value</u>		<u>Total Sum Allotted</u>		
Previous Value	\$7,506,287		\$5,197,351.20		
This Action	- 0 -		628,441.00		
Current Value	\$7,506,287		\$5,825,792.20		
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
		Penny S. Parker, Contracting Officer			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA	
(Signature of person authorized to sign)					
				16C. DATE SIGNED 03/02/01	

50-QANW-0-00402

Modification 0023
Page 2D

Accounting and Appropriation Schedule
Incrementally Funded - Cost-Plus-Award-Fee

0023	S-23	RM1J1NRS	\$(8,000.00)		
	S-24	8M1J30A2	565,600.00		
		BM1J89RA	<u>70,841.00</u>		
		1WG9500 2513	\$628,441.00	\$5,825,792.20	03/01/01

2. This modification provides for incorporation of: (1) the following change to Section H.3(a) Senior Management and Other Key Personnel:

[REDACTED] and (2) incremental funding of the contract by \$628,441.00.

3. SECTION B.3 ESTIMATED AND ALLOWABLE COSTS--INCREMENTALLY FUNDED CONTRACT, Paragraph (3) is hereby revised as follows:

(a) Estimated Costs, Fee, and Sum Allotted

- (1) Estimated cost, base fee, and potential award fee by contract period.

<u>Period</u>	<u>Estimated Cost</u>	<u>Potential Award Fee</u>
07/01/00-06/30/01	\$7,506,287	\$334,762
07/01/01-06/30/02	\$6,793,307	\$307,185
07/01/02-06/30/03	\$6,691,560	\$302,302
07/01/03-06/30/04	\$6,810,387	\$307,391
07/01/04-06/30/05	\$6,930,906	\$312,539

- (2) Total contract value is computed as follows:

[REDACTED]
Total Contract Value \$7,506,287

- (3) Total funds currently available for payment and allotted to this contract, in accordance with FAR clause 52.232-22, "Limitation of Funds," plus the estimated contract period covered by this amount:

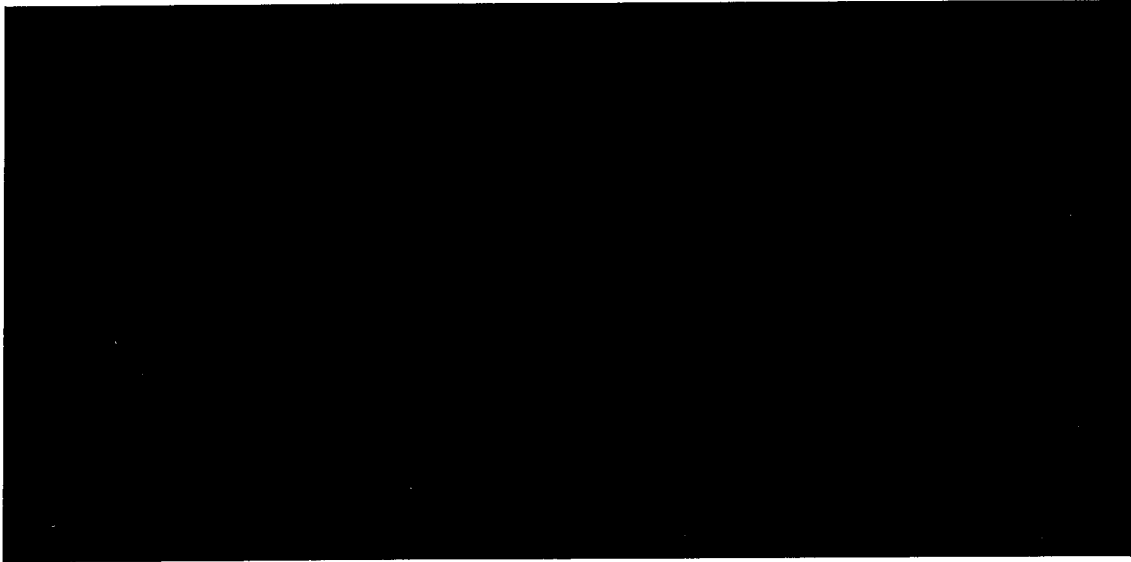
Total Sum Allotted	\$5,825,792.20
[REDACTED]	
Potential Award Fee	\$ 334,762.00
Estimated Period of Performance	07/01/2000 - 04/13/2001

4. SECTION H.3 SENIOR MANAGEMENT AND OTHER KEY PERSONNEL, Paragraphs (a) is hereby revised as follows:

- (a) The Contractor shall assign to this contract the following senior management and other key personnel:

50-QANW-0-00402
Modification No. 0023
Page 4

Senior Managers



AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE R (CPAF)	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 0024	3. EFFECTIVE DATE 03/02/01	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable) N/A	
6. ISSUED BY U.S. Department of Commerce National Data Buoy Center Stennis Space Center, MS 39529-6000		7. ADMINISTERED BY (If other than Item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Attn: Penny S. Parker (228) 688-1705 Science Applications International Corp. Attn: Ms. Parri Engelsen One Hampton Parkway, Suite 300 Hampton, VA 23666 (757) 827-4842		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. X 50-QANW-0-00402 10B. DATED (SEE ITEM 13) May 18, 2000		
CODE		FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
 (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Accounting/Appropriations Schedule: Page 2D NO INCREASE IN FUNDS

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
 IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

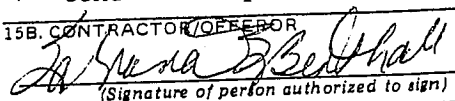
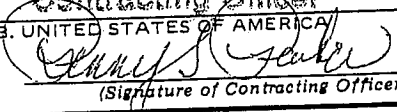
(V)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	Under scope, within terms and conditions of contract; by mutual agreement.
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return **3** copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
1. ACCOUNTING AND APPROPRIATIONS SCHEDULE of the subject contract is hereby revised by addition to page 2D, attached:

	Contract Value	Total Sum Allotted
Previous Value	\$7,506,287	\$5,825,792.20
This Action	- 0 -	- 0 -
Current Value	\$7,506,287	\$5,825,792.20

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Sabrina S. Benthall Contracts Representative		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) PENNY S. PARKER Contracting Officer	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 4/10/01	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 4/13/01

Accounting and Appropriation Schedule
Incrementally Funded - Cost-Plus-Award-Fee

0023	S-23	RM1J1NRS	\$(8,000.00)		
	S-24	8M1J30A2	565,600.00		
		BM1J89RA	<u>70,841.00</u>		
		1WG9500 2513	\$628,441.00	\$5,825,792.20	03/01/01
0024	- -	N/A	- -	\$5,825,792.20	03/02/01

2. This modification provides for incorporation of the National Data Buoy Center (NDBC) Statement of Work (SOW) for the Gulf of Mexico Buoy Communications System, dated 3 January 2001 - revised 29 March 2001 (attached), the corresponding document to the FAA requirements already placed under Modification No. 0018.
-

NATIONAL DATA BUOY CENTER

STATEMENT OF WORK

GULF OF MEXICO BUOY COMMUNICATIONS SYSTEM

3 JANUARY 2001

(revised 29 March 2001)

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1. INTRODUCTION.

1.1 Purpose.

This document specifies the responsibilities and work required to ensure the timely and successful accomplishment of the BCS initiative.

1.2 Scope.

1.2.1 Project Overview.

The BCS effort is described in the following paragraphs. The BCS Functional Specification defines system functional requirements. The production program consists of:

(1) The acquisition, fabrication, installation, and testing of the BCS component parts as well as the deployment and sustainment of the BCS production systems in an operational configuration as described therein; and

(2) The deliverables as described in this Statement of Work (SOW).

1.2.2 Science Applications International Corporation (SAIC) Effort.

The work to be performed and the products and services to be provided under this SOW include Project Management; BCS System Design, Engineering, and Construction; Software; Hardware; Testing; Installation; Deployment; Refurbishment; Buoy Retrieval and Repair (Scheduled and Emergency); Logistics and Maintenance Support; Communications Services; Technical Support Services; and Configuration Management.

The BCS shall be designed so that it meets the requirements of the BCS Functional Specification. SAIC shall provide all necessary qualified personnel, services, facilities [except for FAA provided radios and other equipment], tools, and materials required for delivery and integration of a BCS. This includes all efforts associated with program management, system engineering, commercial-off-the-shelf (COTS) and NDBC designed hardware, limited custom software, COTS software, testing, site installation, reporting, equipment maintenance, training and system documentation in accordance with BCS Functional Specification, the SOW, and Data Item Descriptions (DID) listed with each item in the CDRL.

1.2.3 Deployment.

SAIC shall fully support the deployment of the buoys to include all transportation, equipment and technical expertise to transport, moor and setup the communication buoys as well as coordinating with Houston ARTCC personnel. The buoys shall be deployed at the following locations:

	<u>Longitude</u>	<u>Latitude</u>
Buoy 1 (Operational)	86 deg	26 deg
Buoy 2 (Operational)	92 deg	26 deg
Buoy 3 (Hot Standby)	89 deg	26 deg
Buoy 4 (Spare)	Dockside at NDBC	

1.2.4 Schedule.

All required work activities, reviews, audits, documentation, hardware and software shall be performed/delivered according to the delivery dates defined for each item in the Interagency Agreement schedule. Electronic submission shall be used for indicated CDRLs using Microsoft applications such as MS Word, MS Excel, and MS Project. Electronic submission of other data items is encouraged and shall be coordinated with the NDBC Program Engineer. SAIC shall submit all documentation required by CDRLs at least 5 working days in advance of the CDRL requirements to ensure that the NDBC meets their CDRL requirements to the FAA.

2. APPLICABLE DOCUMENTS.

2.1 Document Listing.

The following is a listing of documents pertaining to Government standards, specifications, orders, criteria and guidelines referenced to the extent specified herein. Unless otherwise specified, the latest issue or revision level of each document at the time of solicitation issuance shall be applicable. In the event of conflict between any of the listed documents and the SOW, the SOW shall take precedence.

<u>Document</u>	<u>Title</u>	<u>SOW Citation (section, CDRL, DID)</u>
FAA-E-2899A	Functional Specification Buoy Communications System for the Gulf of Mexico (9/14/00)	1.2.1 and throughout
DOT/FAA/CT-96/1	FAA Human Factors Design Guide (1/15/96)	A013, FAA-HF-001
FAA Order 1800.58A	NAS Integrated Logistics Support Policy (August 1993)	9
FAA Order 1800.66	Configuration Management Policy (11/29/99)	A006
FAA-D-2494/b	Technical Instruction Book Manuscript (3/14/84)	9.5, L014-15, FAA-GOMP-38
FAA-STD-021a	Configuration Management Contractor Requirements (3/6/90)	A006
FAA-STD-028B	Contract Training Programs (5/1/93)	9.6, T001-6, 9-10, FAA-GOMP-4, 6-10, 26-27
MIL-DTL-31000A	Technical Data Packages (6/9/97)	9.3.2.1, L001, FAA-GOMP-36, L005, FAA-GOMP-34
MIL-HDBK-61	Configuration Management Guidance (9/30/97)	A006
MIL-HDBK-1467	Acquisition of Software Environments and Support Software (12/10/97)	C001, DI-E-7141
MIL-HDBK-46855A	Human Engineering Program Process and Procedures (5/17/99)	A013, FAA-HF-001
MIL-HDBK-470A	Designing and Developing Maintainable Products and Systems (8/4/97)	L010, FAA-GOMP-40
MIL-HDBK-502	Acquisition Logistics (5/30/97)	H001, FAA-GOMP-32
MIL-HDBK-882D	Standard Practice for System Safety (2/10/00)	A010

2.2 Documentation Sources.

Technical society and technical association specifications and standards are generally available for reference from libraries.

2.2.1 Source of FAA Documents.

Copies of FAA specifications, standards, and publications referenced may be obtained from the FAA Contracting Officer. Requests, submitted through the NDBC, must clearly identify the desired material by number and date, and state the intended use of the material.

2.2.2 Other Federal and Military Documents.

Copies of listed federal and military standards, specifications, and handbooks are available through the Department Of Defense (DOD) Single Stock Point, Commanding Officer, U.S. Naval Publications and Forms Center (Attn: NPFC 1032), 5801 Tabor Avenue, Philadelphia, PA 19120. Applications for copies of DOD Manuals should be addressed to the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

3. PROJECT MANAGEMENT.

3.1 General.

This section describes the project management responsibilities that shall be required of SAIC. SAIC shall issue a Program Management Plan (PMP) [CDRL A006] as appropriate.

3.1.1 Scope.

SAIC shall manage and administer the work in such a manner as to complete all efforts prescribed by this SOW and the BCS Functional Specification. Technical management planning, contracts control, quality assurance, configuration management, buoy deployment, buoy retrieval (emergency and planned), scheduling and coordination activities shall be required. This includes internal management within SAIC's organization and management activities necessary for reporting progress, demonstrating results, and coordinating technical activities.

3.1.2 Subcontractors.

If subcontractors are used, SAIC shall ensure that all management, schedule control, reporting, configuration management, quality assurance, and review requirements are fulfilled for all subcontracted items. SAIC shall be responsible for the traceability of subcontractor data. The nonperformance of the subcontractor does not relieve SAIC from full responsibility to the NDBC for performance under the contract. Subcontractor agreements shall be established to minimize both the NDBC and the FAA exposure to costs incurred as a result of subcontractor failure to follow proper procedures or accepted industry standards in safeguarding government or contractor personnel and equipment.

3.2 Progress Reporting and Reviews.

The level of detail for all reports, minutes, agendas, and reviews shall be as specified in the corresponding DIDs.

3.2.1 Monthly Project Management Status Reports.

SAIC shall deliver Monthly Project Management Status Reports (PMSR) [CDRL A001].

3.2.1.1 Contract Funds Status Report.

SAIC shall deliver monthly Man-Hours usage as a part of the PMSR. Content is discussed in the PMSR DID, paragraph 10.9.2.1. These reports may be submitted separately if desired.

3.2.2 Major Technical Reviews.

SAIC shall prepare and present three major technical reviews: a Post Contract Award Review, a Preliminary Design Review, and a System Critical Design Review. These reviews shall be conducted at the NDBC facility. After the critical design review, SAIC shall obtain NDBC approval of the design approach before proceeding further. SAIC shall provide technical review agendas [CDRL A002] and Technical Design Review Data Packages [CDRL A014] for NDBC comment and approval. SAIC shall produce technical review minutes [CDRL A003] for review and approval by the NDBC. SAIC shall provide a review package of the materials to be presented twenty calendar days before the review meetings.

3.2.2.1 Post Contract Award Review.

SAIC shall conduct a Post Contract Award Review with the NDBC and the FAA to confirm a common understanding of the technical requirements. The review shall also include a presentation on the SAIC PMP and the SAIC approach to this SOW including staffing, organization, schedule, cost control and other PMP functional topics.

3.2.2.2 Preliminary Design Review

SAIC shall conduct a Preliminary Design Review to present the end-to-end BCS architecture including the preliminary equipment selection, design and integration, test, installation, and logistics support information for each of the four major components of the BCS: buoy, ARTCC Houston, NDBC Test and Maintenance Facility and communications services. The review shall include appropriate cost and schedule information.

3.2.2.3 System Critical Design Review

SAIC shall conduct a Critical Design Review to present the final end-to-end BCS architecture including firm equipment selection, design and integration, test, installation, and logistics support information for each of the four major components of the BCS: buoy, ARTCC Houston, NDBC Test and Maintenance Facility and communications services. The review shall include appropriate cost and schedule information.

3.2.3 Program Reviews

SAIC shall conduct program reviews as needed, at the request of the NDBC, to review potential design changes, critical performance issues, or COTS product performance issues. SAIC shall provide technical review agendas for the NDBC comment and approval. SAIC shall produce technical review minutes for review and approval by the NDBC.

3.3 Scheduling and Coordination.

SAIC shall maintain, and control a detailed program master schedule. The schedule shall be of sufficient detail to permit tracking of progress by identifying and reporting work effort in discrete functional areas. The schedule shall be reviewed at each technical review. The schedule shall identify progress, such as the procurement of BCS subsystems, software work progress, completion of integration tests, documentation preparation and other indicators that clearly represent work successfully performed and program progress. A current master schedule, along with initial

schedule baseline from the beginning of the project and schedule slips, shall be included in the PMSR.

3.4 Configuration Management.

SAIC shall establish, implement, and maintain a configuration management program for the BCS. The program shall ensure that each Hardware Configuration Item, each Computer Software Configuration Item, and all documentation produced under this contract are under continuous configuration control to provide capability and resource accounting. SAIC shall prepare and submit a Configuration Management Plan. The plan is a part of the Program Management Plan [CDRL A006] but may be issued as a separate plan if desired. The CM plan shall describe procedures for baseline establishment and maintenance; system engineering and interface control; configuration identification; engineering release requirements; engineering change criteria and change control procedures; specification and interface control documentation maintenance, configuration audits, design reviews and verification records; and, records, reports and status accounting data. SAIC shall prepare and submit Configuration Status Accounting Reports [CDRL A005].

3.4.1 Functional Configuration Audit/Physical Configuration Audit (FCA/PCA).

Upon completion of the NDBC Production Site Test (PST), SAIC shall support an FCA and a PCA. SAIC shall provide FCA and PCA agendas [CDRL A002] in advance of the audits. FCA and PCA audits shall include all equipment and documentation. The PCA shall include an examination of the "as-built" configuration against its technical documentation. SAIC shall also include a review of the Engineering Data Package (EDP) [CDRL L001]. The BCS product baseline is established upon successful completion of the PCA. SAIC shall provide the minutes [CDRL A003] for both the FCA and PCA.

3.4.2 System Problem Reports.

After establishment of the BCS product baseline and continuing until FAA acceptance of the final production system, SAIC shall record all system discrepancies and recommended corrective actions in the form of System Problem Reports (SPR) [CDRL A008]. A system discrepancy shall exist when the system, or any system sub-component, does not meet the requirement established in the BCS Functional Specification. The FAA may also issue an SPR.

3.4.3 Request for Deviation/Waiver.

At any time during the design, integration, production, or testing of the BCS, if SAIC discovers that an established requirement cannot be met or the meeting of such a requirement conflicts with other established requirements or project goals (such as cost considerations), SAIC shall submit a request for deviation or waiver [CDRL B001] which details both the relief sought and the justification for such action for the NDBC's submittal to the FAA. The FAA will evaluate the request on a case-by-case basis.

3.5 Quality Assurance Program.

SAIC shall maintain an effective quality assurance program. This program shall be documented in the Quality System Description and shall identify the procedures and controls to be utilized by SAIC and subcontractors to substantiate product quality and fulfillment of program requirements during all phases of the contract. The quality system requirements specifically set forth in this SOW shall become a part of SAIC overall quality assurance program. The plan description is a part of the Program Management Plan [CDRL A006] but may be issued as a separate plan if desired.

3.6 System Security Plan

SAIC shall implement appropriate processes and procedures to insure physical, data, and personnel security during the BCS construction, testing, deployment, and operation activities. The FAA is separately performing a security assessment based on FAA internal requirements. The NDBC will modify this SOW as required based on the results of that assessment.

3.7 Risk Management Plan

Risk management shall be addressed in the PMP. The plan shall address the in-place and planned activities to establish, monitor, and report actual progress for risk areas relative to the BCS implementation and operation.

3.8 System Safety Plan

SAIC shall develop a System Safety Plan [CDRL A010]. The plan shall identify potential life cycle safety hazards present in the major BCS components and the mitigation of each, including hazardous waste material disposal.

3.9 Human Factors Plan

SAIC shall establish, maintain, and operate according to a Human Factors Plan [CDRL A013].

3.10 Environmental, Resource Conservation, and Energy Requirements

SAIC recognizes that many Federal, State, and local statutes imposing environmental, resource conservation, and energy requirements may apply to the BCS. SAIC also recognizes that the Environmental Protection Agency, the FAA, and other agencies of the Federal Government have issued and are expected in the future to issue requirements in the form of regulations, guidelines, standards, orders, or other directives that may affect the BCS. Accordingly, SAIC shall adhere to, and impose on its subcontractors, any such Federal requirements, as the Government may now or in the future promulgate, provided, however, that the NDBC provides such additional funding, or reduces or modifies SAIC's obligations hereunder to account for SAIC's compliance with such new requirements, so that SAIC's rights are not adversely affected.

4. SYSTEMS DESIGN, ENGINEERING AND INTEGRATION.

4.1 Systems Engineering and Design Activities.

SAIC shall be responsible for the performance of an overall system engineering effort encompassing the BCS design, integration, delivery, and test. Activities shall include:

- Evaluating system overall performance of the initial design;
- Selecting components to achieve specified performance;
- Conducting tradeoff analyses with cost and performance;
- Selecting a design that optimizes performance and system life cycle cost; and,
- Identifying problems that impact system performance.

4.2 System Integration.

SAIC shall integrate all hardware and software components into a functionally complete system during the design effort to ensure that all incompatibilities are identified and corrected prior to the start of testing.

4.3 System Design Documentation.

SAIC shall provide documentation that addresses all aspects of system design and implementation.

4.3.1 System/Subsystem Description Document.

SAIC shall provide a System/Subsystem Description Document [CDRL B002] that presents a clear and comprehensive description of what the system does and how it is accomplished. This document shall provide the end-to-end BCS architecture including the details of the major system components by functional module (radio, communication links, buoy, etc.)

5. SOFTWARE.

5.1 COTS Software.

SAIC shall be responsible for providing all executable software and software licenses for the COTS software used under this contract. The most recent version of COTS software applications and operating systems shall be established as the software version baseline at the beginning of the BCS integration effort. When considering commercially offered software packages for the BCS, SAIC shall investigate and assess the following: application compatibility, performance compatibility, configuration management; and vendor service, reputation and stability.

5.1.1 COTS Software Documentation.

SAIC shall provide a COTS Software Documentation Package [CDRL C001] that includes the licenses, warranties and all COTS software manuals for each COTS package used in the BCS design.

5.2 Custom Software.

SAIC shall develop a software product that minimizes the use of custom software and the level of effort necessary for the custom software program to interface with the COTS software component. Custom software shall be used only where the functionality specified in BCS Functional Specification cannot be achieved through the use of COTS software. SAIC shall provide the Custom Program Source Code [CDRL C002] and Commented Program Listing [CDRL C003].

6. HARDWARE.

SAIC shall design, integrate, test, deliver, and install BCS equipment in the quantities required by the NDBC. In addition, SAIC shall provide spares in accordance with the FAA approved Integrated Support Plan (ISP) [CDRL H001].

7. TESTING.

SAIC shall establish a test and evaluation program to verify that the BCS meets the requirements of the BCS Functional Specification. SAIC shall furnish all equipment, personnel and communications services necessary to accomplish the tests, and shall maintain a functioning testbed at the NDBC Test and Maintenance Facility for the duration of the Interagency Agreement. Facilities for testing at the Houston ARTCC will be provided by the FAA. SAIC shall assign a Test

Manager as the single point of contact for testing. The Test Manager shall be responsible for the integration, control, and coordination of all SAIC and subcontractor testing.

7.1 Test Documentation.

The following paragraphs define the documentation required for the test and evaluation program.

7.1.1 Contractor's Master Test Plan (CMTP).

SAIC shall develop a CMTP [CDRL E001] that shall serve as the overall test control document for the contractor's BCS test program. The plan shall state the objective of each test that SAIC will conduct to verify BCS requirements and describe the approach to be used in the conduct of each test. The CMTP shall include the plans for conducting production acceptance and production site testing. The CMTP shall address how any regression testing shall be accomplished. A Verification Requirements Traceability Matrix (VRTM), reflecting each specification requirement and method of verification, shall be included in the CMTP.

7.1.2 Test Procedures.

SAIC shall provide Test Procedures [CDRL E002] for all tests specified in the CMTP.

7.1.3 Test Reports.

SAIC shall provide a Test Report [CDRL E003] for each production test phase. A copy of all SPRs shall be included as an appendix in each test report.

7.2 Test Conduct.

No testing shall commence until the FAA approves the CMTP, VRTM and test procedures. SAIC shall conduct Production Acceptance Testing and Production Site Testing on the first BCS. SAIC shall conduct an FAA-directed subset of Production Acceptance Testing and full Production Site Testing on all other systems. All testing shall be conducted in accordance with the CMTP and Test Procedures. SAIC shall maintain an official test log containing test identification, description of unit-under-test, copies of the calibration certificates for all test equipment, date and time of test, procedures, test report(s), and retest report(s). Any deviations or exceptions to the approved test procedures shall be noted in the log and shall be tracked with SPRs. The official test log shall be made available upon FAA request.

7.2.1 FAA Test Support.

The FAA will provide a VHF test frequency for the duration of tests at the NDBC and offshore. The FAA will also provide SAIC access to the VSCS Maintenance Position Equipment Subsystem for verification of the VSCS/BCS interface. The FAA will provide test support personnel, including witnesses and local equipment technicians.

7.2.2 Production Testing.

SAIC shall perform production tests on all systems to verify that BCS Functional Specification requirements are achieved. All production testing shall be witnessed, and verified, by an FAA representative.

7.2.2.1 Production Acceptance Testing.

SAIC shall conduct Production Acceptance Testing on the first production BCS and an FAA-directed subset of Production Acceptance Testing shall be conducted on all other BCS equipment that is ordered. In addition to verifying functional specification requirements, this test shall also

include a demonstration by SAIC of the capability of the system to meet performance and availability requirements for end-to-end communications when installed in an operational configuration. This test shall be conducted with the buoy dockside at the NDBC and the ARTCC equipment installed at the Houston ARTCC.

7.2.2.2 Multiple Buoy System Integration Testing.

As each additional buoy becomes available, SAIC shall conduct a multiple buoy test to verify that the system is capable of meeting the functional specification requirements with multiple buoys in operation. Tests shall include an FAA-directed subset of those conducted during Production Acceptance Testing for a single buoy, and will require the development of new test procedures to demonstrate the integration of the final quantity of buoys into a functional system. The buoy locations for these tests will be determined by the FAA.

7.2.2.3 Production Site Testing.

SAIC shall conduct Production Site Testing for each deployed buoy to verify that the system is functional within the satellite footprint at the operational location. SAIC shall provide for movement and mooring of each buoy to the location in the Gulf of Mexico specified by the FAA (approximately 300 miles offshore). SAIC shall conduct the Production Site Testing with the buoy at this location and with the suite of ARTCC equipment at the Houston ARTCC. Tests shall include an FAA-directed subset of those conducted during Production Acceptance Testing; the use of test aircraft or targets of opportunity; and Air Traffic and Airway Facilities personnel at the Houston ARTCC.

7.2.3 NDBC Support of FAA Operational Test (OT) and Field Familiarization Testing

SAIC shall support FAA Operational Test and Field Familiarization Testing at the Houston ARTCC for the first production buoy. Operational tests are designed to demonstrate that a new system is operationally effective and operationally suitable for use in the NAS and that all technical and performance requirements specified have been met. Field Familiarization Tests are performed by site personnel to verify that site personnel can operate and maintain the new system in an operational environment without degrading air safety.

8. INSTALLATION.

8.1 Site Installation Plan.

SAIC shall develop a Site Installation Plan (SIP) [CDRL D001]. Installation shall not commence until the plan has been approved by the NDBC/FAA. The SIP shall address all aspects of equipment installation at the NDBC and installation of equipment at the Houston ARTCC. The SAIC shall deliver, install, and integrate all hardware and software of the BCS in accordance with the SIP. SAIC shall develop and deliver As-Built Site Installation Drawings [CDRL D002] for each site, including the NDBC Test and Maintenance Facility. In addition, the SIP shall include marine charts depicting the buoy locations in the Gulf of Mexico.

9. LOGISTICS AND MAINTENANCE SUPPORT

SAIC shall plan, manage and execute a National Airspace Integrated Logistics Support (NAILS) program in accordance with the requirements contained within this SOW and the NAILS process as defined in FAA Order 1800.58A. The objective of the NAILS program is to execute and integrate support tasks with the manufacturing, testing, installation and operation of the BCS. The BCS

equipment consists of the BCS interface/monitoring equipment installed at the Houston ARTCC, the Test and Maintenance Facility (trailers at NDBC), the deployed buoys, and a dockside ("spare") buoy and supporting communications services.

9.1 NAILS Integrated Support Planning

SAIC shall prepare and submit, for approval, an ISP [CDRL H001] which describes SAIC's approach for the logistics support of the BCS.

9.1.1 NAILS Management

SAIC shall assign a NAILS manager that shall serve as the focal point for interface with the NDBC on all NAILS related requirements. SAIC shall perform the following NAILS tasks as described in the below paragraphs.

9.1.1.1 Technical Assistance

SAIC shall provide developmental services to the NDBC on NAILS requirements for the BCS such as logistics planning, spares provisioning, training development, packaging and transportation, test equipment, and warranties.

9.1.2 NAILS Management Team (NAILSMT)

A joint FAA/NDBC NAILSMT shall be established to serve as the primary management vehicle for monitoring the status of the NAILS program implementation. SAIC shall participate in and ensure the participation of appropriate subcontractor personnel in the meetings.

9.1.3 NAILS Meetings

SAIC shall support the following joint FAA/NDBC NAILSMT meetings. The FAA logistics manager shall chair these meetings.

Integrated Logistics Support (ILS) Guidance Conference (see para. 9.2.1)

Provisioning Conference (see para. 9.3.2)

NAILSMT In Process Review (IPR) Quarterly

9.2 Logistics Management Information (LMI)

SAIC shall provide provisioning data for the FAA Logistics Center LMI program [CDRL L003]. SAIC NAILS Manager shall provide the NDBC any additional information as requested by the FAA Logistics Center LMI manager.

9.2.1 ILS Guidance Conference

The FAA, for the purpose of providing the NDBC guidance on the FAA's logistics, maintenance, and training requirements, will chair an ILS Guidance Conference.

9.2.2 Support and Test Equipment Identification

SAIC shall identify and document all required support and test equipment for the BCS system [CDRL L004]. Support and test equipment includes common and special tools, test equipment, jigs, fixtures and material handling equipment. Support and test equipment shall be identified for site and NDBC depot maintenance.

9.3 Supply Support

9.3.1 Provisioning Technical Documentation

SAIC shall provide Provisioning Technical Documentation (PTD) pursuant to LMI requirements. SAIC shall identify and provide a list of the long lead time items (items exceeding 90 days from order to delivery) with the Provisioning Technical Documentation [CDRL L005] for the Provisioning Conference. SAIC shall prepare Engineering Change Orders (ECO) [CDRL L006] to document all changes to the PTD.

9.3.2 Provisioning Conference

After FAA approval of the delivered PTD, SAIC shall support a Provisioning Conference. Requirements for the conference will be set forth at the ILS Guidance Conference.

9.3.2.1 SAIC Provided Materials and Services

SAIC shall provide the following materials and services in support of the Provisioning Conference:

a. One complete set of assembly and detail drawings from the Engineering Data Package [CDRL L001], which depicts each item that appears on the Provisioning Parts Lists. Drawings shall be in accordance with MIL-DTL-31000A, tailored to vendor standard drawing practices. Production Level drawings shall apply for developmental items. Commercial Level drawings shall apply for COTS.

b. Samples of all equipment, assemblies, and replaceable parts on the parts lists for the duration of the Conference. Where the nature of the equipment precludes its movement to the site of the Provisioning Conference, SAIC shall make arrangements for the equipment to be viewed at its location.

c. Meeting facilities to support up to 20 attendees with adequate support for the FAA provisioning team.

9.3.2.2 SAIC Personnel

SAIC shall furnish a representative(s) familiar with the provisioning documentation, assembly repair and replacement costs, and a qualified engineering representative. SAIC shall also furnish personnel to disassemble the equipment to the extent required by the FAA provisioning team and such tools as may be needed for disassembly. Disassembly of COTS will not go below the Line Replaceable Unit (LRU) level.

9.3.3 Spare Parts

Spare parts shall be ordered after the Provisioning Conference described above. The spare parts shall be listed in the provisioning parts list. In addition, storage environmental controls and location requirements for the spare parts shall be included in the provisioning parts list.

9.3.4 Life Cycle Contingency Support

SAIC shall manage the EDP such that when changes occur under the SAIC configuration management program, SAIC shall make corresponding changes to the data. If repair service and parts are not available from SAIC, SAIC shall furnish data to enable such repair service and parts to be obtained from other sources.

9.4 Maintenance

SAIC shall provide maintenance support as described in the following paragraphs.

9.4.1 Contractor Maintenance and Logistics Support (CMLS)

SAIC shall provide CMLS support for all BCS components. SAIC shall furnish all labor, material, spare parts, tools, test equipment, software, facilities, buoy deployment, emergency buoy retrieval, and other technical, travel and administrative support necessary for maintenance of BCS components. SAIC shall provide a listing or chart detailing the organizational maintenance department or office, including the name and title of the individuals who make up the maintenance department. SAIC will identify a point of contact to the NDBC. The FAA at the Houston ARTCC will monitor and provide first level maintenance (remove and replace) for the BCS equipment installed at Houston. Once removed, the faulty equipment will be sent to the NDBC for repair.

9.4.1.1 Buoy CMLS

SAIC shall prepare a BCS Maintainability Plan [CDRL L010]. Maintenance performed under CMLS shall be performed on both a scheduled and unscheduled basis, as described in the following paragraphs. SAIC shall coordinate all maintenance visits to the buoy with the point of contact designated by the NDBC. SAIC shall develop within the plan a Buoy Failure Checklist for the Houston ARTCC personnel and a Recovery Procedures Checklist to be followed by the NDBC/FAA to coordinate the resolution of system failures. This shall include establishing points of contact at both Houston ARTCC and the NDBC that will oversee reestablishing buoy operational service.

9.4.1.1.1 Buoy Scheduled (Preventive) Maintenance

SAIC shall perform regularly scheduled maintenance on all BCS equipment including the moorings. This maintenance shall be performed in accordance with the Maintainability Plan. SAIC shall coordinate preventive maintenance activities with the designated NDBC point of contact at least 21 days in advance of the planned start of preventive maintenance activities.

9.4.1.1.2 Buoy Unscheduled (Corrective) Maintenance

When notified by the NDBC, SAIC shall provide corrective maintenance to restore BCS service, in accordance with the Maintainability Plan. Unscheduled maintenance shall occur when one of the three deployed buoys would be unable to provide a voice path between the Houston ARTCC and aircraft in the Houston FIR with the failure of a single LRU. Unscheduled maintenance shall include all activities performed as part of scheduled maintenance and shall replace the next scheduled maintenance.

9.4.2 Depot Repair and Supply Support

SAIC shall provide depot repair support for all LRUs, in accordance with the Depot Repair Procedures [CDRL L011]. This support shall include the acceptance of defective LRU items shipped to the NDBC by the FAA, Houston ARTCC.

9.4.2.1 LRU Replacement

When SAIC has determined that the cost of repairing a defective LRU represents 60% of the cost of a new, replacement LRU, the NDBC Program Engineer shall be notified and will provide guidance as to the action that SAIC is to take.

9.4.2.2 Maintenance and Repair Report

SAIC shall submit a quarterly Maintenance and Repair Report [CDRL L012].

9.4.2.3 Buoy Refurbishment

SAIC shall provide a Refurbishment Planning Document [CDRL L013]. This document will outline an approach for periodically refurbishing the buoy to include the platform structure, the power system, and all elements of the communications system. The plan will provide an estimated time-line for retrieving the buoy and refurbishing the entire system. Additionally, an estimate of the cost for refurbishment will be included. The refurbishment plan will assume a "spare" buoy will replace the buoy being retrieved for refurbishment and will include an estimate for the cost of towing the spare buoy to the deployed location, mooring-crossover, and towing the "retrieved" buoy to depot. During replacement of a buoy, the moorings will be inspected and replaced as required.

9.5 Technical Books

SAIC shall provide COTS operation and maintenance instruction books for each COTS component. In addition to the COTS technical instruction books, SAIC shall develop and provide Technical Instruction Books for the operation and maintenance of the ARTCC BCS equipment [CDRL L014] and buoy equipment [CDRL L015] in accordance with the guidelines established by FAA-D-2494b. Technical Instruction Books prepared by SAIC shall include sections covering general information and requirements, system technical descriptions, operation, standards and tolerances, periodic maintenance, maintenance procedures, corrective maintenance, computer software, and troubleshooting support data. These books should also apply to the BCS equipment installed in the Test and Maintenance Facility (trailers at NDBC).

9.5.1 ARTCC BCS Equipment Technical Instruction Book

The Technical Instruction Book prepared for the equipment installed at the Houston ARTCC shall contain an overview of the BCS. It will describe BCS theory of operation on a sub-system basis, operating instructions for ARTCC BCS equipment, and technical procedures for the conduct of fault isolation and fault correction. The equipment maintenance sections of the Technical Instruction Book shall include recommended control settings and adjustments (including the internal LRU component settings and software settings for the channel banks to allow establishing signal levels), procedures for connecting test equipment and performing fault diagnostics, diagrams of interconnecting cabling, lists of tools and test equipment required to perform corrective maintenance, and recommended preventive maintenance schedules. The TIB shall identify all possible LRU error messages and identify the expected corrective action for each error message.

9.5.2 Buoy Equipment Technical Instruction Book

The Technical Instruction Book prepared for the buoy equipment shall describe the BCS theory of operation on a sub-system basis, operating instructions for buoy equipment, and technical procedures for the conduct of fault isolation and fault correction. The equipment maintenance sections of the Technical Instruction Book shall include recommended control settings and adjustments (including the internal LRU component settings and software settings for the channel banks to allow establishing signal levels), procedures for connecting test equipment and performing fault diagnostics, diagrams of interconnecting cabling, lists of tools and test equipment required to perform corrective maintenance, and recommended preventive maintenance schedules.

9.6 Training, Training Support, and Personnel Skills

9.6.1 Training

Training requirements associated with the procurement and deployment of the BCS are specified herein, and will be clarified in the ILS Guidance conference. Training development shall be in accordance with FAA-STD-028B.

9.6.1.1 Training Modularity

Training shall be modular in nature. Each module shall address a single major topic or several closely related topics, which provide a logical training sequence when, presented either concurrently or consecutively.

9.6.1.2 In-Process Review (IPR)

During the development process, SAIC shall host quarterly IPRs. The IPRs shall be scheduled sequentially within the development timeframe of the deliverable, with specific dates determined by SAIC and submitted for NDBC/FAA approval. Courseware to be reviewed shall be submitted for NDBC preliminary review 20 days prior to each IPR start date. An IPR Agenda [CDRL A002] shall be submitted to the NDBC for approval 12 days prior to the IPR. The FAA shall determine the FAA and other Government participants in each IPR. SAIC shall produce the IPR minutes [CDRL A003]. IPR minutes shall be subject to the NDBC/FAA approval.

9.6.1.3 Prerequisite Knowledge

Knowledge of specific "Operating Systems" shall not be considered a prerequisite for BCS training. Any Operating System knowledge or expertise required for the operation of the BCS shall be included in the training.

9.6.1.4 Classroom Conduct

SAIC shall furnish, maintain, and update all reference, instruction, and student materials for each class. One complete set of technical instruction books per student shall be made available as reference material and retained in the classroom. At the conclusion of each class, students shall retain all student course materials issued to them, including a copy of each Technical Instruction Book. In addition, four extra sets of student materials shall be delivered to the NDBC, prior to commencement of the first class.

9.6.1.5 Access to NDBC's Facilities and Data

SAIC shall permit FAA training development personnel and/or their designated representatives full access to the SAIC facilities, for reviewing/monitoring training development, upon notification by the NDBC of at least 5 calendar days in advance of any visit. SAIC shall provide FAA specified training personnel or their designated representatives access to any data that will become the property of the FAA. This access includes data on system or equipment hardware, software, and firmware.

9.6.1.6 Training Equipment

SAIC shall provide BCS equipment for the conduct of training as required.

9.6.2 Training Requirements

SAIC shall provide an ARTCC and Buoy BCS Equipment Operations and Maintenance Training Course: SAIC shall present up to five classes of subject training, with up to four (4) persons per class. Establishment of a training schedule shall be the responsibility of the FAA. Training content shall include but not be limited to:

1. General Training Tasks
 - a. A general overview of the Gulf of Mexico Project and the BCS
 - b. BCS Equipment Description
 - c. BCS Operation and Maintenance
 - d. BCS Software Operations
2. Specific tasks shall include but not be limited to:
 - a. Location and identification of all ARTCC and buoy equipment, including satellite and landline communications links.
 - b. Performance of system powerup, powerdown, and switchover/recovery
 - c. Performance of operational/functional checks in accordance with the manufacturer's instructions
 - d. Performance of routine periodic/preventive maintenance utilizing the checks and procedures established for the BCS
 - e. Conduct of fault isolation and diagnostics procedures for failures to the LRU level
 - f. Performance of all required adjustments to restore the system to operational service, following removal and replacement of the faulty LRU's
 - g. Demonstration of the ability to perform configuration, reconfiguration, restoration, and verification/validation/remote certification of service

9.6.3 Training Development

The development documents in this section shall apply to the ARTCC and buoy BCS Equipment Operations and Maintenance Course training development. SAIC shall develop, submit, and/or conduct, for Government approval, the following:

- a. Task and Skills Analysis Report [CDRL T001] which shall enable the FAA to identify changes in job performance resulting from the introduction of new equipment and technology and from new workforce requirements.
- b. Course Design Guide [CDRL T002] which shall address the course design, including training outcomes, terminal objectives, enabling objectives, type of learning, technical content, instructional methods, media, and a traceability matrix which cross references tasks selected for training.
- c. Course Schedule [CDRL T003] that, as a minimum, shall include course start/end dates, time allocations for major topics and lessons, major course topics and lessons, points at which tests are administered, and number of instructors.

d. Student Achievement Tests [CDRL T004] that, as a minimum, shall contain both instructor and student versions of the test. The instructor version shall address those areas that pertain to the duties of the instructor in the administration of the test. The student version shall contain test instructions and test items.

e. Lesson Plan [CDRL T005] shall document the course number, course title, preparation date, lesson duration, lesson title, exams and workshop material, other student support material, lesson overview, references, visuals, handouts, and other pertinent information.

f. Student Materials [CDRL T006] shall contain a student guide, student workbook, and any supplementary materials.

g. Course Walk-Through [CDRL T009] is an overview of each component of the course, and is presented prior to conducting the first class.

h. First Course Conduct and Course Report [CDRL T010] shall include the submission of a Validation Plan in accordance with Paragraph 10.3.1, chapter 3 of FAA STD-028B and a Course Report in accordance with Paragraph 10.3.3, chapter 3 of FAA STD-028B.

i. Theory of Operations Examination [CDRL T011] shall be used to determine whether the examinee possesses the knowledge required to perform tasks on a given equipment or system of equipment.

j. Performance Evaluation [CDRL T012] shall present a typical work situation in which personnel being tested perform a practical task which requires them to demonstrate the mastery of skills and "hands-on" knowledge required for the performance of their jobs.

10. COMMUNICATIONS SERVICES.

SAIC shall support acquisition and maintenance of all communications services required for testing. Testing shall not interfere with operational communications services for active buoys.

10.1 Satellite Channels.

SAIC shall support acquisition of satellite services for the duration of the operation of the BCS.

10.2 Terrestrial Lines

The FAA will provide the landline services for operation upon acceptance of the BCS. Prior to BCS acceptance by the FAA, the NDBC shall provide for terrestrial landline services and SAIC shall research available lines for the NDBC use.

11. TECHNICAL SUPPORT SERVICES.

SAIC shall provide technical services in support of the design, documentation, configuration management, installation, repair, testing, and integration of the BCS. SAIC shall respond within 24 hours of receipt of a request for assistance by the NDBC/FAA. Such support shall consist of the following:

a. Engineering support services include as a minimum: assistance in operating BCS equipment, resolution of equipment problems, resolution of interface problems, and subject matter expertise and OJT for BCS hardware and software.

b. Hardware maintenance and repair support services including verification of service restoration and logistics/supply support.

c. Telephone advisory services to provide guidance to FAA personnel to resolve BCS engineering, maintenance, operation, and training problems. This telephone advisory service shall be available Monday through Friday during normal working hours (0800-1700 Central Standard Time).

APPENDIX A: ACRONYMS

AM	Amplitude Modulation
ARTCC	Air Route Traffic Control Center
BCS	Buoy Communications System
CDRL	Contract Data Requirements List
CMLS	Contractor Maintenance and Logistics Support
CMTP	Contractor Master Test Plan
COTS	Commercial-Off-The-Shelf
DID	Data Item Description
DOD	Department of Defense
EDP	Engineering Data Package
FAA	Federal Aviation Administration
FCA	Functional Configuration Audit
ILS	Integrated Logistics Support
IPR	In Process Review
ISP	Integrated Support Plan
LMI	Logistics management Information
LRU	Line Replaceable Unit
NAILS	National Airspace Integrated Logistics Support
NAILSMT	NAILS Management Team
NDBC	National Data Buoy Center
PCA	Physical Configuration Audit
PMSR	Project Management Status Report
PTD	Provisioning Technical Documentation
SIP	Site Installation Plan
SOW	Statement of Work
SPR	System Problem Report
TIB	Technical Instruction Book
VHF	Very High Frequency
VRTM	Verification Requirements Traceability Matrix

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1 CONTRACT ID CODE R (CPAF)	PAGE OF PAGES 1 4
2 AMENDMENT/MODIFICATION NO 0025	3 EFFECTIVE DATE 03/06/01	4 REQUISITION/PURCHASE REQ. NO NWWG9500101060; S-25	5 PROJECT NO (If applicable) N/A	
6 ISSUED BY U.S. Department of Commerce National Data Buoy Center Stennis Space Center, MS 39529-6000		7 ADMINISTERED BY (If other than Item 6) CODE		
8 NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Attn: Penny S. Parker (228) 688-1705 Science Applications International Corp. Attn: Ms. Parri Engelsen One Hampton Parkway, Suite 300 Hampton, VA 23666 (757) 827-4842		9A. AMENDMENT OF SOLICITATION NO 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. X 50-QANW-0-00402 10B. DATED (SEE ITEM 13) May 18, 2000		
CODE		FACILITY CODE		

11 THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Accounting/Appropriations Schedule: Page 2D NET INCREASE: \$307,921.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO AS DESCRIBED IN ITEM 14.

(V)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	Under scope, within terms and conditions of contract; by mutual agreement.
	D OTHER (Specify type of modification and authority)
X	FAR 52.232-22 - "Limitations of Funds."

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office

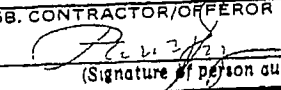
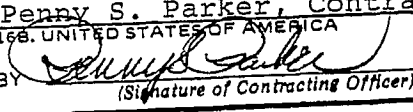
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

1. ACCOUNTING AND APPROPRIATIONS SCHEDULE of the subject contract is hereby revised by addition to page 2D, attached:

	Contract Value	Total Sum Allotted
Previous Value	\$7,506,287	\$5,825,792.20
This Action	78,809	307,921.00
Current Value	\$7,585,096	\$6,133,713.20

(Continued)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Parri Y. Engelsen, Contracts Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Penny S. Parker, Contracting Officer	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 3/8/01	15D. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 03/12/01

50-QANW-0-00402

Modification 0025
Page 2D

Accounting and Appropriation Schedule
Incrementally Funded - Cost-Plus-Award-Fee

0023	S-23 S-24	RM1J1NRS 8M1J30A2 BM1J89RA 1WG9500 2513	<u>\$(8,000.00)</u> 565,600.00 <u>70,841.00</u> \$628,441.00	\$5,825,792.20	03/01/01
0024	- -	N/A	- -	\$5,825,792.20	03/02/01
0025	S-25	8M1J35AB 1WG9500 2513	<u>\$307,921.00</u> \$307,921.00	\$6,133,713.20	03/06/01

2. This modification provides for incorporation of: (1) the Alaskan Buoy Network Expansion Statement of Work (attached); (2) [REDACTED] for the Alaskan Buoy Network expansion; and (3) incremental contract funding of \$307,921.00.
3. SECTION B.1 SCOPE OF WORK, Paragraph (a), is hereby revised as follows:

<u>Period</u>	<u>ST Hours</u>	<u>O/T Hours</u>	<u>Total Hours</u>
07/01/00-06/30/01	[REDACTED]	[REDACTED]	[REDACTED]
07/01/01-06/30/02	[REDACTED]	[REDACTED]	[REDACTED]
07/01/02-06/30/03	[REDACTED]	[REDACTED]	[REDACTED]
07/01/03-06/30/04	[REDACTED]	[REDACTED]	[REDACTED]
07/01/04-06/30/05	[REDACTED]	[REDACTED]	[REDACTED]

4. SECTION B.3 ESTIMATED AND ALLOWABLE COSTS--INCREMENTALLY FUNDED CONTRACT, Paragraphs (1), (2), and (3) are hereby revised as follows:

(a) Estimated Costs, Fee, and Sum Allotted

- (1) Estimated cost, base fee, and potential award fee by contract period.

<u>Period</u>	<u>Estimated Cost</u>	<u>Potential Award Fee</u>
07/01/00-06/30/01	\$7,585,096	\$337,503
07/01/01-06/30/02	\$6,931,254	\$311,960
07/01/02-06/30/03	\$6,772,466	\$305,035
07/01/03-06/30/04	\$6,810,387	\$307,391
07/01/04-06/30/05	\$6,930,906	\$312,539

- (2) Total contract value is computed as follows:

[REDACTED]

Total Contract Value \$7,585,096

- (3) Total funds currently available for payment and allotted to this contract, in accordance with FAR clause 52.232-22, "Limitation of Funds," plus the estimated contract period covered by this amount:

Total Sum Allotted \$6,133,713.20


[REDACTED]

Potential Award Fee \$ 337,503.00

Estimated Period of Performance 07/01/2000 - 04/20/2001

6. SECTION B.4 PAYMENT FOR OVERTIME PREMIUMS

As provided in the clause of this contract entitled "Payment for Overtime Premiums" (FAR 52.222-2), the dollar amount of overtime authorized pursuant to said clause shall not exceed the amount specified below for the indicated period, provided also that such authorization shall have been given through the issuance of Technical Directives.

<u>Performance Period</u>	<u>OT Base Authorized</u>	<u>OT Premium Authorized</u>
07/01/00-06/30/01		
07/01/01-06/30/02		
07/01/02-06/30/03		
07/01/03-06/30/04		
07/01/04-06/30/05		

Alaska Buoy Network Expansion

Statement of Work

Background:

NDBC is directed to establish seven new buoy stations in the NWS Alaska Region by 30 September, 2003. The new stations will directly support NWS' forecast & warning missions in that Region. Funding to support the activity will be available this fiscal year to begin work. Station establishment will be phased in over a three year period. This statement of work defines the broad requirements and schedule, the basis for development of labor, material, and transportation estimates. An implementation plan and schedule detailing man-hours, material costs, and transportation costs and their allocation over the implementation period should be developed by NTSC in direct response to this statement of work. NDBC will use the implementation schedule to modify the existing NTSC contract, and develop Technical Directives with specific tasking via Internal Work Requests.

Funding:

All funds to support this network expansion are expected to be available as FY2001 funds. Thus, estimated labor costs will be carried forward on the contract from year to year. Funds to purchase materials for all 7 stations should be expended this fiscal year to avoid expiration.

Locations:

Attachment 1 to this statement of work is a priority list of station locations and the approximate water depth at each site. Note that site #7 calls for a 3m buoy. Also, NDBC's expectation is to establish only stations 1 thru 7 on the list. Attachment 1 is subject to change.

Hulls and Equipment:

Priority station locations 1-6 are expected to be 6m VE hulls, and priority location #7 is expected to be a 3m foam hull. Approximate water depths are provided to reference mooring estimates. Since it is impossible to have newly procured hulls and equipment immediately available for this project, existing spares will be used for implementation and until newly procured equipment is available to fit the production schedule.

All stations will be configured to report standard meteorological parameters and non-directional waves using a single payload, standard sensor configuration, and standard power system. The configuration of all buoys are expected to be as similar as is possible with respect to payloads, sensors, power systems, wiring, hull type, etc. to minimize project costs. Regarding station establishment, it is anticipated that all buoys will be outfitted/refurbished, integrated, and tested at SSC unless NTSC recommends, and NDBC accepts an alternate plan that would positively impact the cost or schedule. Specific hull configurations and site specific mooring

designs will be provided via Internal Work Request after the Technical Directive is established

Schedule:

NDBC is required to establish 7 new stations (attachment 1) by 30 September, 2003 as follows:

- FY2001, stations 1, and 2
- FY2002, stations 3, 4, and 5
- FY2003, stations 6, and 7

Note that the order in which these 7 stations are installed, and the locations are subject to change due to vessel availability or other constraints or efficiencies that come to play.

Staging:

Kodiak will be a major staging site for this project. However, several of the stations are a significant distance from Kodiak and it is possible that other staging locations would be used. This portion of the field plan will be determined over time and is dependent upon the location of various Coast Guard assets and how they will be used to support the project.

Vessel Support:

NDBC will be responsible to procure vessel support. Deployment needs are expected to be met by utilizing available Coast Guard assets. NTSC may utilize other commercial assets for shipping to staging locations on as needed basis, and where deemed cost effective.

Procurement:

NDBC will initiate procurement of major system components such as hulls, payloads, sensors, TDD's, etc. NTSC should include in their project cost estimates the cost to procure other materials normally used to support the refurbishment/outfitting, integration, and testing activities such as batteries, mechanical hardware, cable, etc.

Network Maintenance:

Network maintenance is not considered in this statement of work. Only station establishment and the necessary data quality services for the first year of operation.

Network Spares:

The establishment of network spares to conform to NDBC's standard 1/3 spares policy is not considered in this statement of work.

Conflicts/Efficiencies:

NTSC is encouraged to identify scheduling and manpower conflicts, as well as to recommend efficiencies that would positively impact the schedule or overall cost of the program.

Recommendations for Buoy Systems In Alaska

January 16, 2001

Proposed Locations in Priority Order

- 1) Fairweather Ground
58 deg 26 min 45 sec N 138 deg 32 min 30 sec W About 59 fm
- 2) Near the Barren Islands
59 deg 02 min 54 sec N 152 deg 13 min 38 sec W About 66 fm
- 3) South side of the Aleutians
52 deg 01 min 50 sec N 172 deg 04 min 00 sec W About 52 fm
- 4) Near Cape Yakataga
59 deg 36 min 50 sec N 143 deg 40 min 00 sec W About 95 fm
- 5) Southern Shelikof Strait
58 deg 00 min 00 sec N 154 deg 00 min 00 sec W About 110 fm
- 6) Western Aleutians
51 deg 19 min 00 sec N 179 deg 05 min 52 sec E About 52 fm
- 7) Glacier Bay (3-meter)
58 deg 27 min 16 sec N 136 deg 03 min 16 sec W About 26 fm
- 8) South of the AK Pen
54 deg 21 min 00 sec N 162 deg 00 min 00 sec W About 34 fm
- 9) Western Aleutians near 170 degrees east Not necessary at this time.

Buoy Types

NOMADs (6-meter) and one 3- meter (priority # 7)

Standard Met packages should be set on all systems.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1 CONTRACT ID CODE R (CPAF)	PAGE OF PAGES 1 4
2 AMENDMENT/MODIFICATION NO 0026	3 EFFECTIVE DATE 03/07/01	4 REQUISITION/PURCHASE REQ. NO. N/A	5 PROJECT NO (If applicable) N/A	
6 ISSUED BY U.S. Department of Commerce National Data Buoy Center Stennis Space Center, MS 39529-6000 Attn: Penny S. Parker (228) 688-1705		7 ADMINISTERED BY (If other than Item 6) CODE		
8 NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Science Applications International Corp. Attn: Ms. Parri Engelsen One Hampton Parkway, Suite 300 Hampton, VA 23666 (757) 827-4842			9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. X 50-QANW-0-00402 10B. DATED (SEE ITEM 13) May 18, 2000	
CODE		FACILITY CODE		

11 THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment. (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Accounting/Appropriations Schedule: Page 2D NO INCREASE IN FUNDS

13 THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(V)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: XX Under scope, within terms and conditions of contract; by mutual agreement.
	D. OTHER (Specify type of modification and authority) XX FAR 52.232-22 - "Limitations of Funds."

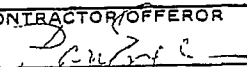
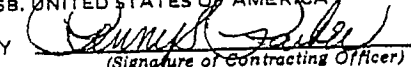
E IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14 DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

1. ACCOUNTING AND APPROPRIATIONS SCHEDULE of the subject contract is hereby revised by addition to page 2D, attached:

	Contract Value	Total Sum Allotted
Previous Value	\$7,585,096	\$6,133,713.20
This Action	63,498	- 0 -
Current Value	\$7,648,594	\$6,133,713.20

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Parri Engelsen, Contracts Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) PENNY S. PARKER Contracting Officer	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 3/12/01	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 3/13/01

Accounting and Appropriation Schedule
Incrementally Funded - Cost-Plus-Award-Fee

0023	S-23 S-24	RM1J1NRS 8M1J30A2 BM1J89RA 1WG9500 2513	<u>\$(8,000.00)</u> 565,600.00 <u>70,841.00</u> \$628,441.00	\$5,825,792.20	03/01/01
0024	- -	N/A	- -	\$5,825,792.20	03/02/01
0025	S-25	8M1J35AB 1WG9500 2513	<u>\$307,921.00</u> \$307,921.00	\$6,133,713.20	03/06/01
0026	- -	N/A	- -	\$6,133,713.20	03/07/01

2. This modification provides for incorporation of [REDACTED] overtime hours.
3. SECTION B.1 SCOPE OF WORK, Paragraph (a), is hereby revised as follows:

<u>Period</u>	<u>ST Hours</u>	<u>O/T Hours</u>	<u>Total Hours</u>
07/01/00-06/30/01	[REDACTED]	[REDACTED]	[REDACTED]
07/01/01-06/30/02	[REDACTED]	[REDACTED]	[REDACTED]
07/01/02-06/30/03	[REDACTED]	[REDACTED]	[REDACTED]
07/01/03-06/30/04	[REDACTED]	[REDACTED]	[REDACTED]
07/01/04-06/30/05	[REDACTED]	[REDACTED]	[REDACTED]

4. SECTION B.3 ESTIMATED AND ALLOWABLE COSTS--INCREMENTALLY FUNDED CONTRACT, Paragraphs (1), (2), and (3) are hereby revised as follows:

(a) Estimated Costs, Fee, and Sum Allotted

- (1) Estimated cost, base fee, and potential award fee by contract period.

<u>Period</u>	<u>Estimated Cost</u>	<u>Potential Award Fee</u>
07/01/00-06/30/01	\$7,648,594	\$340,570
07/01/01-06/30/02	\$6,931,254	\$311,960
07/01/02-06/30/03	\$6,772,466	\$305,035
07/01/03-06/30/04	\$6,810,387	\$307,391
07/01/04-06/30/05	\$6,930,906	\$312,539

- (2) Total contract value is computed as follows:

[REDACTED]

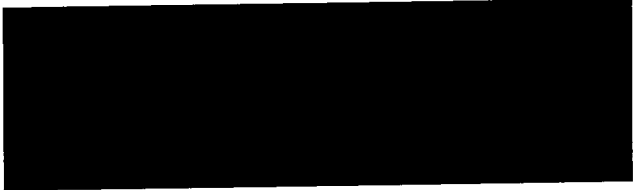
Total Contract Value	\$7,648,594
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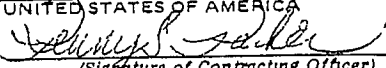
- (3) Total funds currently available for payment and allotted to this contract, in accordance with FAR clause 52.232-22, "Limitation of Funds," plus the estimated contract period covered by this amount:

Total Sum Allotted	\$6,133,713.20
[REDACTED]	
Potential Award Fee	\$ 340,570.00
Estimated Period of Performance	07/01/2000 - 04/13/2001

5. SECTION B.4 PAYMENT FOR OVERTIME PREMIUMS

As provided in the clause of this contract entitled "Payment for Overtime Premiums" (FAR 52.222-2), the dollar amount of overtime authorized pursuant to said clause shall not exceed the amount specified below for the indicated period, provided also that such authorization shall have been given through the issuance of Technical Directives.

<u>Performance Period</u>	<u>OT Base Authorized</u>	<u>OT Premium Authorized</u>
07/01/00-06/30/01		
07/01/01-06/30/02		
07/01/02-06/30/03		
07/01/03-06/30/04		
07/01/04-06/30/05		

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE R (CPAF)		PAGE OF PAGES 1 1 3	
2. AMENDMENT/MODIFICATION NO 0027		3. EFFECTIVE DATE 03/27/01		4. REQUISITION/PURCHASE REQ. NO. NWWG9500110721; S-26		5. PROJECT NO (If applicable) N/A	
6. ISSUED BY U.S. Department of Commerce National Data Buoy Center Stennis Space Center, MS 39529-6000		CODE QA		7. ADMINISTERED BY (If other than Item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Science Applications International Corp. Attn: Ms. Sabrina Benthall One Hampton Parkway, Suite 300 Hampton, VA 23666 (757) 827-4846				(V)		9A. AMENDMENT OF SOLICITATION NO	
						9B. DATED (SEE ITEM 11)	
						10A. MODIFICATION OF CONTRACT/ORDER NO. X 50-QANW-0-00402	
						10B. DATED (SEE ITEM 13) May 18, 2000	
CODE		FACILITY CODE					
11 THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required) See Accounting/Appropriations Schedule: Page 2D NET INCREASE: \$731,300.00							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
(V) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: D. OTHER (Specify type of modification and authority) X FAR 52.232-22 - "Limitations of Funds."							
E IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) 1. ACCOUNTING AND APPROPRIATIONS SCHEDULE of the subject contract is hereby revised by addition to page 2D, attached:							
		Contract Value		Total Sum Allotted			
Previous Value		\$7,648,594		\$6,133,713.20			
This Action		- 0 -		731,300.00			
Current Value		\$7,648,594		\$6,865,013.20			
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				Penny S. Parker Contracting Officer			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)				BY  (Signature of Contracting Officer)		03/27/01	

Accounting and Appropriation Schedule
Incrementally Funded - Cost-Plus-Award-Fee

0023	S-23 S-24	RM1J1NRS 8M1J30A2 BM1J89RA 1WG9500 2513	\$(8,000.00) 565,600.00 <u>70,841.00</u> \$628,441.00	\$5,825,792.20	03/01/01
0024	- -	N/A	- -	\$5,825,792.20	03/02/01
0025	S-25	8M1J35AB 1WG9500 2513	<u>\$307,921.00</u> \$307,921.00	\$6,133,713.20	03/06/01
0026	- -	N/A	- -	\$6,133,713.20	03/07/01
0027	S-26	8M1J30A2 8M1J35UB RM1J04R4 RM1J00RX RM1JW2RF 1WG9500 2513	\$500,000.00 200,000.00 1,300.00 15,000.00 <u>15,000.00</u> \$731,300.00	\$6,865,013.20	03/27/01

2. This modification provides for incorporation of: (1) correction of a typographical error on Modification No. 0023 - page 1, to change the NET INCREASE from \$628,411.00 to read \$628,441.00; and (2) \$731,300.00 in incremental contract funding.

3. SECTION B.3 ESTIMATED AND ALLOWABLE COSTS--INCREMENTALLY FUNDED CONTRACT, Paragraph (3) is hereby revised as follows:

(a) Estimated Costs, Fee, and Sum Allotted

(1) Estimated cost, base fee, and potential award fee by contract period.

<u>Period</u>	<u>Estimated Cost</u>	<u>Potential Award Fee</u>
07/01/00-06/30/01	\$7,648,594	\$340,570
07/01/01-06/30/02	\$6,931,254	\$311,960
07/01/02-06/30/03	\$6,772,466	\$305,035
07/01/03-06/30/04	\$6,810,387	\$307,391
07/01/04-06/30/05	\$6,930,906	\$312,539

(2) Total contract value is computed as follows:


Total Contract Value \$7,648,594

(3) Total funds currently available for payment and allotted to this contract, in accordance with FAR clause 52.232-22, "Limitation of Funds," plus the estimated contract period covered by this amount:

Total Sum Allotted \$6,865,013.20


Potential Award Fee \$ 340,570.00
Estimated Period of Performance 07/01/2000 - 05/25/2001

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1 CONTRACT ID CODE R (CPAF)	PAGE OF PAGES 1 3
2 AMENDMENT/MODIFICATION NO. 0028	3. EFFECTIVE DATE 3/29/01	4. REQUISITION/PURCHASE REQ. NO. NWWG9500110686: S-27	5 PROJECT NO. (If applicable) N/A		
6. ISSUED BY U. S. Department of Commerce National Data Buoy Center Stennis Space Center, MS 39529-6000	CODE QA	7 ADMINISTERED BY (If other than Item 6) CODE			

Attn: Penny S. Parker (228) 688-1705

8 NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

Science Applications International Corp.
Attn: Ms. Sabrina Benthall
One Hampton Parkway, Suite 300
Hampton, VA 23666

(757) 827-4846

CODE FACILITY CODE

(v)	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
	10A. MODIFICATION OF CONTRACT/ORDER NO.
X	50-OANW-0-00402
	10B. DATED (SEE ITEM 13)
	May 18, 2000

11 THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods

(a) By completing Items 8 and 15, and returning _____ copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Accounting/Appropriations Schedule: Page 2D NET INCREASE: \$150,000.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(v)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	Under scope, within terms and conditions of contract; by mutual agreement.
	D. OTHER (Specify type of modification and authority)
X	FAR 52.232-22 - "Limitations of Funds."

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

1. ACCOUNTING AND APPROPRIATIONS SCHEDULE of the subject contract is hereby revised by addition to page 2D, attached:

	Contract Value	Total Sum Allotted
Previous Value	\$7,648,594	\$6,865,013.20
This Action	46,339	150,000.00
Current Value	\$7,694,933	\$7,015,013.20

(Continued)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Sabrina S. Benthall Contracts Representative	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) PENNY S. PARKER Contracting Officer
15B. CONTRACTOR/ORDER NO. <i>Sabrina S. Benthall</i> (Signature of person authorized to sign)	15C. DATE SIGNED 4/9/01
16B. UNITED STATES OF AMERICA BY <i>Penny S. Parker</i> (Signature of Contracting Officer)	16C. DATE SIGNED 4/10/01

Accounting and Appropriation Schedule
Incrementally Funded - Cost-Plus-Award-Fee

0023	S-23 S-24	RM1J1NRS 8M1J30A2 BM1J89RA 1WG9500 2513	<u>\$(8,000.00)</u> 565,600.00 <u>70,841.00</u> \$628,441.00	\$5,825,792.20	03/01/01
0024	- -	N/A	- -	\$5,825,792.20	03/02/01
0025	S-25	8M1J35AB 1WG9500 2513	<u>\$307,921.00</u> \$307,921.00	\$6,133,713.20	03/06/01
0026	- -	N/A	- -	\$6,133,713.20	03/07/01
0027	S-26	8M1J30A2 8M1J35UB RM1J04R4 RM1J00RX RM1JW2RF 1WG9500 2513	\$500,000.00 200,000.00 1,300.00 15,000.00 <u>15,000.00</u> \$731,300.00	\$6,865,013.20	03/27/01
0028	S-27	BM1J89RA 1WG9500 2513	<u>\$150,000.00</u> \$150,000.00	\$7,015,013.20	03/29/01

2. This modification provides for incorporation of: (1) an additional \$24,098 in sea pay; (2) an additional \$1,500 in Miscellaneous Other Direct Costs; (3) \$9,872 for the update to Digital Signal Processing Interface Unit (DIU) software for the FAA GOM Buoy Project (IWR attached); and (4) incremental contract funding of \$150,000.00.

3. SECTION B.3 ESTIMATED AND ALLOWABLE COSTS--INCREMENTALLY FUNDED CONTRACT, Paragraphs (1), (2), and (3) are hereby revised as follows:

(a) Estimated Costs, Fee, and Sum Allotted

(1) Estimated cost, base fee, and potential award fee by contract period.

<u>Period</u>	<u>Estimated Cost</u>	<u>Potential Award Fee</u>
07/01/00-06/30/01	\$7,694,933	\$342,808
07/01/01-06/30/02	\$6,931,254	\$311,960
07/01/02-06/30/03	\$6,772,466	\$305,035
07/01/03-06/30/04	\$6,810,387	\$307,391
07/01/04-06/30/05	\$6,930,906	\$312,539

(2) Total contract value is computed as follows:


Total Contract Value \$7,694,933

(3) Total funds currently available for payment and allotted to this contract, in accordance with FAR clause 52.232-22, "Limitation of Funds," plus the estimated contract period covered by this amount:

Total Sum Allotted \$7,015,013.20


Potential Award Fee \$ 342,808.00
Estimated Period of Performance 07/01/2000 - 05/25/2001

INTERNAL WORK REQUEST			IWR NUMBER 2010004		REVISION: A		PAGE 1 OF 1	
REQUESTED BY: Ralph F. Cambre 3-5-01			PHONE: 2372		DATE: MAR 01, 2001		APPROVED FOR ESTIMATING (ACOTR): [Signature] DATE: 3/5/01	
NTSC ESTIMATED COSTS						NDBC APPROVAL TO PROCEED		
DEPT	MAN-HOURS		LABOR \$	MAT'L \$	SHIP \$	TVL \$	IWR MONITOR: _____ DATE: _____	
	REG	OT						
							*TECHNICAL MONITOR/PROJECT COORDINATOR: _____ DATE: _____	
							ACOTR: _____ DATE: _____	
TOTALS THIS REVISION							ACHIEVEMENT COORDINATOR: _____ DATE: _____	
CUMULATIVE FOR ORG IWR & ALL REVISIONS							NTSC ACCEPTANCE _____ DATE: _____	
REVISION DESCRIPTION								
<p>TITLE: FAA BUOY COMMUNICATIONS PROJECT - PRODUCTION PHASE</p> <p>CRITICALLY: 1 COMPLEXITY: 5</p> <p>FUND SOURCES: Contractor Labor & Travel : 1RA MSR/PR/SWR: RA2 Transportation Costs: RA3</p> <p>PURPOSE: This revision addresses the specific task of updating the Digital Signal Processing Interface Unit (DIU) software to:</p> <ol style="list-style-type: none"> 1. Comply with the discussions held at the FAA BCS Project Design Review Requirements Meeting on October 19, 2000 at the SSC under Miscellaneous Item #2 that stated, "The embedded software will be modified so that the Path Controller will send a serial command to the DIU to un-key the VHF transceiver after the path switch function is completed". 2. Provide automatic recovery from inadvertent "Loop Back Mode" anomalies. <p>Specific Subtask: a. DIU unkey modification b. DIU loop back timer modification c. DIU DTMF encode/decode loop back modification d. Provide overview of DIU C program to other BCS Project personnel.</p> <p>This effort is being covered under this separate revision since it had not been identified at the time of the initial release of IWR 201004.</p> <p>Work is to continue to be performed in accordance with the NDBC Statement of Work dated 3 January 2001.</p>								
<p>cc: W/DB1 - JHM, [Redacted] W/DB2 - EM, KON W/DB3 - DL</p>								

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE R (CPAF)	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 0029	3. EFFECTIVE DATE 04/18/01	4. REQUISITION/PURCHASE REQ. NO. NWWG9500110822; S-28	5. PROJECT NO. (If applicable) N/A	
6. ISSUED BY U.S. Department of Commerce National Data Buoy Center Stennis Space Center, MS 39529-6000 Attn: Penny S. Parker (228) 688-1705		7. ADMINISTERED BY (If other than Item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Science Applications International Corp. Attn: Ms. Sabrina Benthall One Hampton Parkway, Suite 300 Hampton, VA 23666 (757) 827-4842		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. X 50-QANW-0-00402 10B. DATED (SEE ITEM 13) May 18, 2000		
CODE	FACILITY CODE			

11 THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Accounting/Appropriations Schedule: Page 2D NET INCREASE: \$824,000.00

13 THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(Y)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)
X	FAR 52-232-22 - "Limitation of Funds."

E IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14 DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

1. ACCOUNTING AND APPROPRIATIONS SCHEDULE of the subject contract is hereby revised by addition to page 2D, attached:

	Contract Value	Total Sum Allotted
Previous Value	\$7,694,933	\$7,015,013.20
This Action	- 0 -	824,000.00
Current Value	\$7,694,933	\$7,839,013.20

(Continued)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Penny S. Parker, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY Original Signed by (Signature of Contracting Officer)	04/18/01

Accounting and Appropriation Schedule
Incrementally Funded - Cost-Plus-Award-Fee

0023	S-23 S-24	RM1J1NRS 8M1J30A2 BM1J89RA 1WG9500 2513	\$(8,000.00) 565,600.00 <u>70,841.00</u> \$628,441.00	\$5,825,792.20	03/01/01
0024	- -	N/A	- -	\$5,825,792.20	03/02/01
0025	S-25	8M1J35AB 1WG9500 2513	<u>\$307,921.00</u> \$307,921.00	\$6,133,713.20	03/06/01
0026	- -	N/A	- -	\$6,133,713.20	03/07/01
0027	S-26	8M1J30A2 8M1J35UB RM1J04R4 RM1J00RX RM1JW2RF 1WG9500 2513	\$500,000.00 200,000.00 1,300.00 15,000.00 <u>15,000.00</u> \$731,300.00	\$6,865,013.20	03/27/01
0028	S-27	BM1J89RA 1WG9500 2513	<u>\$150,000.00</u> \$150,000.00	\$7,015,013.20	03/29/01
0029	S-28	8M1J30A2 8M1J35UB RM1JRN RV 1WG9500 2513	\$500,000.00 316,000.00 <u>8,000.00</u> \$824,000.00	\$7,839,013.29	04/18/01

2. This modification provides for incorporation of incremental contract funding of \$824,000.00.
3. SECTION B.3 ESTIMATED AND ALLOWABLE COSTS--INCREMENTALLY FUNDED CONTRACT, Paragraph (3) is hereby revised as follows:

(a) Estimated Costs, Fee, and Sum Allotted

- (1) Estimated cost, base fee, and potential award fee by contract period.

<u>Period</u>	<u>Estimated Cost</u>	<u>Potential Award Fee</u>
07/01/00-06/30/01	\$7,694,933	\$342,808
07/01/01-06/30/02	\$6,931,254	\$311,960
07/01/02-06/30/03	\$6,772,466	\$305,035
07/01/03-06/30/04	\$6,810,387	\$307,391
07/01/04-06/30/05	\$6,930,906	\$312,539

- (2) Total contract value is computed as follows:


Total Contract Value \$7,694,933

- (3) Total funds currently available for payment and allotted to this contract, in accordance with FAR clause 52.232-22, "Limitation of Funds," plus the estimated contract period covered by this amount:

Total Sum Allotted \$7,839,013.20


Potential Award Fee \$ 342,808.00
Estimated Period of Performance 07/01/2000 - 06/30/2001
